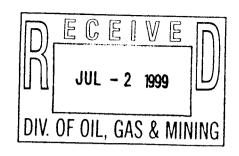


### RIVER GAS CORPORATION

UTAH OPERATIONS 1305 South 100 East Price, Utah 84501 Bus. (435) 637-8876 FAX (435) 637-8924



June 28, 1999

Mr. John Baza State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 SLC, Utah 84114-5801 CONFIDENTIAL

**ORIGINAL** 

RE: Application for Permit to Drill-Utah 10-415, NE/4 NE/4, of Sect.10 T16S, R08E, SLB & M, Emery County, Utah

Dear Mr. Baza:

Enclosed is the original of the *Application for Permit to Drill* (APD). Included with the APD is the following information:

Exhibit "A"- Survey plat of the proposed well site;

Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;

Exhibit "C" - Location Layout;

Exhibit "D" - Drilling Information;

Exhibit "E" - Multipoint Surface Use Plan;

Exhibit "F" - Typical Road Cross-section;

Exhibit "G" - BOP Diagram;

Exhibit "H"- Production Site Layout; and

Exhibit "I"- Evidence of Bond;

Please accept this letter as River Gas Corporation's written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,

Don S. Hamilton

Don S. Hamilton

Permit Specialist

cc: Mr. Eric Jones, BLM, Moab, Utah

Mr. Chuck Snure, Texaco

Mr. Joe Coughlin, Dominion Resources

Mr. Don Stephens, BLM, Price, Utah

Mrs. Tammie Butts, River Gas Corporation

Mr. Gilbert Hunt, DOGM

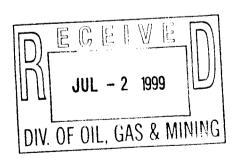
Jim Cooper, SITLA

**RGC Well File** 

#### STATE OF UTAH

			5. Lease Designation and Serial N ML-48189			
APPLICATION FOR PERMIT TO DRILL OR DEEPEN				6. If Indian, Allottee or Tribe Name $N/A$	Đ:	
1A. Type of Work: DR	ILL 🛛	DEEPEN 🗌			7. Unit Agreement Name: N/A	
B. Type of Well: OIL	GAS X OTHER:	SINGLE ZONE	MULTIPLE ZONE		8. Farm or Lease Name: Utah	
2. Name of Operator:	er Gas Corporation				9. Well Number: 10-415	
3. Address and Telephone Numb		East, Price, UT 84	l501 (435)637-88	76	10. Field or Pool, or Wildcat: Wildcat	
4. Location of Well (Footages)  At Surface: 1090' FNL, 557' FEL  At Proposed Producing Zone:  4. Location of Well (Footages)  11. Qtr/Qtr, Section, Township, Range, Meridian:  NE/4,NE/4 Section 10, T16S,  R08E, SLB&M			• .			
	on from nearest town or post office nwest of Price, UT	:			12. County: Emery	13. State: UTAH
15. Distance to nearest property or lease line (feet): 557'					imber of acres assigned to this we $50~\mathrm{acres}$	oli:
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): none 19. Proposed Depth: 4800°					otary	
21. Elevations (show whether DF $7180^{\prime}~GR$	F, RT, GR, etc.):				22. Approximate date work will str September 1999	art:
PROPOSED CASING AND CEMENTING PROGRAM						
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF	CEMENT
14"	12-3/4"	Conductor	25'			
11"	J-55 8 5/8"	24#/ft	480'	211	sks G+2%CaCl+1/4#pe	r sack flocel
7-7/8"	N-80 5-1/2"	17#/ft	4800'		sks 50/50poz8%gel+2%	CaCl+10%extender

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.\*



# CONFIDENTIAL

**ORIGINAL** 

24.			
Name & Signature: Don S. Hamilton	Don S	Hamilton	Title: Permit Specialist Pate: 6/28/99
(This space for state use only)  API Number Assigned: 43-015-303	91		Approval:  Utah Division of Oil, Gas and Mining Date: 10 12 991
(1/93)	(See	Instructions on Reverse Side)	

# Location

**NE** Corner

557.051

108<sup>b</sup>.76'

The Bearings Indicated are per the recorded plat obtained from the U.S. Land Office. The well location was determined using a Trimble 4400 GPS Unit.

### Basis Of Elevation:

Basis of Elevation of 7105' as indicated in the NE Corner of Section 10, Township 16 South, Range 8 East, Salt Lake Base and Meridian, as shown on the Hiawatha Quadrangle 7.5 Minute Series Map.

# Description of Well Point

Proposed Drill Hole located in the NE 1/4, NE 1/4 of Section 10; 1089.76' South and 557.05' West from the NE Carner of Section 10, T16S, R8E, Salt Lake Base & Meridian.

# Surveyor's Certificate:

i, John S. Huefner, a Registered Licensed Land Surveyor, holding Certificate #144842, State of Utah, do hereby certify that the information on this drawing is a true and accurate survey of the land, and was conducted under my personal supervision, as shown hereon.

No. 14/842 And Andrews Andrews

N89°58'W - 5248.98' (Recorded)

Range 8 East

N89°54'W - 5247.0' (Recorded)

Drill hole 10-415 Elevation 7180.07

# LEGEND:

- Drill Hole Location
- Found Section Corner Monumented w/ Brass Cap unless indicated otherwise.
- O Section Corner searched for but not found



J. TIMOTHY

J.S.H.

6/18/99

1\*=1000'

508

A-1

NOO-01'E

2306 South 125 Vest Fries, Utah 54501 (801) 637-2330 FAX (801) 637-2833



River Gas Corporation

Well# 10-415
Section 10, T16S, R8E, S.L.B.&M.
Emery County, Utah

SCALE:

50' 0' 500' 1000'

## SCHOOL AND INSTITUTIONAL TRUST LANDS ADMINISTRATION

#### OIL AND GAS CONDITIONS OF APPROVAL

#### PRICE COALBED METHANE PROJECT

#### FINAL ENVIRONMENTAL IMPACT STATEMENT

Well:	Utah 10-415	
Mineral Lease No:	ML-48189	
API No.:	43-015-30391	
Location:	NE NE, Sec. 10, T. 16 S., R. 8 E.	
County:	Emery	

The Bureau of Land Management has prepared an Environmental Impact Statement for a portion of the Price Coalbed Methane area and a Record of Decision has been issued with respect to certain actions considered in the Environmental Impact Statement.

Pursuant to the Utah Schools and Land Exchange Act of 1998, Pub. L. 105-335, 112 Stat. 3139, which ratified the May 8, 1998, "Agreement to Exchange Utah School Trust Lands Between the State of Utah and the United States of America" entered into between the State of Utah and the United States of America, the School and Institutional Trust Lands Administration ("SITLA") has agreed to adopt all conditions, mitigation measures and restrictions imposed on lessees by the Record of Decision in the administration of Federal Mineral Leases acquired in Townships 14, 15 and 16 South, Range 8 and 9 East, SLBM.

Accordingly, SITLA's approval of the Application for Permit to Drill shall be conditioned upon the following:

#### Location of Facilities and Timing of Construction

Final well locations and transportation corridor alignments shall be selected and designed to avoid or minimize disturbances to sensitive areas, including areas of high wildlife value or critical habitat, grazing, and/or recreational value, including wetlands and riparian areas; and areas with high erosion potential, highly saline soils, rugged topography, and/or poor reclamation potential (i.e., steep slopes, eroded lands, floodplains, unstable soils), where possible.

New roads shall be constructed so as to avoid areas with high erosion potential. Where roads must be allowed, new roads shall be graded tp spread drainage instead of channeling runoff. No road on excess of 15 percent shall be allowed on slopes greater than 15 percent. No vehicle access shall be allowed across slopes on excess of 25 percent.

Construction shall not occur on frozen or saturated soils, or when watershed damage is likely, unless an adequate plan is submitted to SITLA that demonstrates potential impacts will be mitigated. SITLA may limit cross-country travel or construction activity at times when soils are dry or frozen or have snow cover. SITLA will determine what is "wet," "muddy," or "frozen' based on weather and field conditions at the time. The limitation does not apply to maintenance and operation of producing wells.

Occupancy or other surface disturbance shall not be allowed within 330 feet of the centerline or within the 100-year recurrence interval floodplain of perennial steams, except where authorized in writing by the SITLA (e.g., road crossings).

Occupancy or other surface disturbance shall not be allowed within 660 feet of springs, whether flowing or not. No vibroseis, drilling or blasting associated with seismic exploration shall be allowed withing 0.25 mile of any spring or water well.

During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by SITLA prior to use.

Vegetation removal necessitated by a construction project shall be confined to the limits of actual construction. Removed vegetation will be stockpiled for use in reclamation or removed form the construction site at the direction of SITLA.

#### Reclamation

The reclamation plan shall be a part of the surface use plan of operations. The following are generally components of the reclamation plan.

All pits must be reclaimed to a natural condition similar to the rest of the reclaimed area, and must be restored to a safe and stable condition.

Reclamation shall start immediately upon completion of construction, unless prevented by weather conditions. Disturbed areas shall be restored to approximately the original contour.

Disturbed areas shall be revegetated after the site has been satisfactorily prepared. Site preparation may include ripping, contour furrowing, terracing, reduction of steep cut and fill slopes, waterbarring, or other procedures.

Revegetation seed mixes have been established for the Project Area, and are provided in Appendix 2F. They are based on erosion control, forage production, elevation, soils, vegetation community composition, and precipitation requirements. Different seed mixes have been developed for temporary seedlings, and for final reclamation of sited in salt desert, sagebrush/grass, pinyon-juniper, mountain brush, and riparian habitats. Reclamation in riparian habitat shall also involve sedge and rush root plugs, willow cuttings, and cottonwood bare root stock plants. All seed mixes shall be free of noxious weeds.

Seedling shall be done by drilling on the contour whenever practical, or by other approved method. Where broadcast seeding is used, seeding shall take place after the soil surface is recontoured and scarified. A harrow or similar implement shall be dragged over the area to assure seed cover.

On all cut slopes, the seeding must extend from the bottom of the ditch to the top of the cut slope. On embankment slopes, the seeding must extend from the roadway shoulder to the toe of the slope. Seeding shall also be done on all borrow pit areas and on all sidecast slopes in areas of full bench construction.

Seeding and/or planting shall be repeated until satisfactory revegetation is accomplished, as determined by SITLA. Mulching, fertilizing, fencing or other practices may be required.

Seeding shall be done from October 1 to November 15, and from February 1 to March 31 (requires SITLA prior approval).

Sufficient topsoil to facilitate revegetation shall be segregated from subsoils during all construction operations and shall be returned to the surface upon completion of operations, where feasible. Topsoil stockpiles shall be revegetated or otherwise protected to prevent erosion and maintain some soil microflora and microfauna. Stockpiled topsoil shall be spread evenly over the recontoured area. All disturbed areas and vehicle tracks form overland access shall be ripped 4 to 12 inches deep within the contour.

Bonds are required for oil and gas operations on federal leases for protection pf the environment, including surface reclamation. Revegatation must be successfully established for release for the bond.

Reclamation and abandonment of pipelines and flowlines may require replacing fill on the original cuts, reducing and grading cut and fill slopes to conform to the adjacent terrain, replacement of surface soil material, waterbarring, and revegetating in accordance in accordance with a reclamation plan.

Wellsite reclamation shall include recounturing to re-establish natural contours where desirable and practical.

After well plugging and abandonment, roads constructed by the operator not required for

SITLA transportation system use shall be closed and obliterated. Reclamation may include ripping, scarifying, waterbarring, and barricading Stockpiled soil, debris and fill materials shall be replaced on the road bed to conform to the approved reclamation plan.

Water bars shall be constructed on road grades or slopes, if require by SITLA. Spacing of waterbreaks is dependent on slope and soil type. For most soil types, the following spacing shall be used:

Slope	Spacing
2%	200 feet
2-4%	100 feet
4-5%	75 feet
>5%	50 feet

Revegetation on big game critical winter range shall include hand-planting of seedling browse plants and use of seedling protectors to provide protection against browsing in the first two years after planting.

Temporary erosion control measures such as mulch, jute netting, or other appropriate methods shall be used on unstable soils, steep slopes, and wetland areas to prevent erosion and sedimentation until vegetation becomes established.

#### General Requirements

Precautions must be taken at all times to prevent wildfire. Operators shall be held responsible for suppression costs for any fires on public lands caused by operator's negligence. No burning of debris shall be allowed without specific authorization from SITLA.

Any campfires must be kept to a minimum size and utilize only downed dead wood.

Road construction must meet class II standards (Appendix 2C).

With SITLA approval, existing roads or trails may be improved (bladed) if impassable by vehicles or equipment. No widening or realignment shall be allowed unless approved by SITLA. Maintenance of roads outside lease or unit boundaries will require a SITLA right-of-way.

New trails may be constructed only when vehicle and equipment passage is impossible, and only with the concurrence of the SITLA. Any pushed trees are to be readily retrievable without additional disturbance, if needed for reclamation.

Reserve pits for oil and gas drilling operations may be required to be lined with commercial-grade bentonite or plastic liners sufficient to prevent seepage. At least half of the capacity shall be in a cut.

Prior to the use of insecticides, herbicides, fungicides, rodenticides, and other similar substances, and operator must obtain from SITLA approval of a written plan. The plan must describe the type and quantity of material to be used, the pest to be controlled, the method of application, the location for storage and disposal of containers, and other information that SITLA may require. A pesticide may be used only in accordance with it's registered uses and within other agency limitations. Pesticides must not be permanently stored on public lands.

#### Water Resources

Existing fords shall be used for drainage crossings where possible. Low-water crossings shall use a cut-and-fill process or upgrade existing crossings unless use of culverts is specifically authorized.

Bridges and culverts shall allow adequate fish passage where applicable. Take-down (or free-floating) panels or water gates shall be installed on all fences that cross intermittent or perennial steam channels.

For construction projects lasting more than 30 days, portable chemical toilets shall be provided at all staging areas, bases of operations, and storage areas.

Soaps, detergents, or other nondegradable foreign substances shall not be used for washing in streams or rivers. Biodegradable soap may be used.

No oil, lubricants, or toxic substances may be drained onto the ground surface. Pads shall be designed so that any oil, lubricants, etc., shall drain into a collection system.

# Wetlands and Riparian Areas

Construction, development, and right-of-way in riparian areas shall be minimized. Where these areas must be disturbed, stipulations shall minimize impacts and require post-disturbance reclamation. Reclamation shall be closely monitored, and not considered complete until the desired vegetation is established.

#### **Wildlife**

Restrictions on Construction Phase Activity: Prohibit construction phase activity described below, on big game high value and critical winter range during the period (December 1 - April 15). This condition would not apply to normal maintenance and operation of producing wells, described below.

<u>Construction Phase Activity:</u> Construction phase activity is considered to include all work associated with initial drilling and construction of facilities through completion, including

installation of pumping equipment, connection with ancillary facilities and tie-in with pipelines necessary for product delivery.

Construction activities are not allowed to be initiated unless it is reasonable to believe that such work can be finished to a logical stopping point prior to December 1 of that year. Specific activities considered to be covered by the seasonal closure include all heavy equipment operations including but not limited to the following:

- Mobilization/Demobilization or operation of heavy equipment (crawler tractor, front end loader, backhoe, road grader, etc.)
- Construction activity (road construction or upgrading, pad, pipeline, powerline, ancillary facilities, etc.),
- Drilling activity (operator would not propose to initiate drilling activity if the
  project could not reasonably be expected to be finished to a logical stopping point
  by the December 1 date of theat year.
- Seismic operation, detonation of explosives.

This seasonal closure would not apply to reconnaissance, survey/design and /or flagging of project work or other similar activity not requiring actions listed for heavy equipment operation.

<u>Production Phase:</u> A coalbed methane well is considered to be in production phase when the well and ancillary facilities are completed to the point that they are capable of production and delivering product for sale. It is noted that heavy equipment operation may be necessary in the performance of maintenance and operation of producing wells.

Restriction on Non Emergency Workover Operations: Non-emergency workover operations (defined below) are required to be scheduled on big game high value winter range outside the December 1 to April 15 date of the seasonal closure. The operator will be required to submit Sundry notices to SITLA in advance of workover operations proposed between December 1 and April 15. Sundry notices submitted as emergency work, may require independent corroboration by SITLA staff prior to work proceeding. Should SITLA object to the emergency designation of the sundry notice, SITLA would make notification of the objection within five working days of receipt of the sundry notice. In the absence of such notification or in the event of corroboration with the sundry notice, the operator would be permitted to proceed with the workover operation.

Non-emergency Workover Operations: Workover operations to correct or reverse a gradual loss of production over time (loss of production of five percent or less over a 60 day period) is considered to be routine or non-emergency workover operations and would not be permitted during the December 1 to April 15 time frame.

Emergency Workover Operations: Emergency work over operations are defined as downhole equipment failure problems or workover operations necessary to avoid shut-in of the well or to avoid an immediate safety or environmental problem. Loss of production greater than

five percent within a 60 day period is indicative of pump failure and will be treated as an emergency workover operation.

The subject permit application is proposed within critical winter range and subject to acre for acre mitigation for surface disturbance on critical winter range. The following condition comes from a cooperative agreement between the River Gas Corporation, BLM-Price Field Office, the Utah Division of Wildlife Resources and the National Fish and Wildlife Foundation, under which the River Gas Corporation agrees to the following:

Contribute \$1,250.00 (1996 dollars) for each well interest permitted and drilled by RGC (or on behalf of RGC by its contractor) on big game critical winter range as depicted in the FEIS Price Coalbed Methane Project Area. (Wells meeting the above criteria for which payment will be required, will be referred to as "subject wells".) This contribution will be adjusted annually for inflation based on the Consumer Price Index (CPI), see Section II.C.6 for the referenced source used for the determination of the CPI and the date in which this annual adjustment will go into effect.

Since this mitigation program is designed to address impacts of all big game critical winter range surface disturbance (roads, well pads, pipelines, etc.), contributions will be required regardless of the success or failure of the subject well to produce.

- The recorded date for spudding for each subject well (the first boring of a hole during the drilling of a well) will serve as the reference date triggering the requirement for the mitigation contribution.
- Contributions will be submitted (in the form of an Corporate check, cashiers check or wire transfer) directly to the National Fish and Wildlife Foundation by the 30<sup>th</sup> of each month for all subject wells spudded in the preceding month.
- All contributions will be made payable to the "National Fish and Wildlife Foundation re: Proj 97-260" and reference the "Price Field Office Wildlife Habitat Impact Mitigation Fund (RGC)".

Exploration, drilling or other development activity shall only be allowed from June 16 to March 31 in sage grouse strutting/nesting areas. This limitation does not apply to maintenance and operation of producing wells.

## **Raptor Nest Site Protection Measures**

The subject permit application is proposed within or near known suitable raptor nesting habitat. In order to avoid potential adverse affects to nesting raptors protected under the

Migratory Bird Treaty Act and/or the Bald Eagle Protection Act, the operator must comply with all applicable provisions below.

Provisions check marked below are directly applicable to this action, based on available data at the time of this review. Any other provisions, listed below (even if not check marked) may become applicable to this action as updated raptor data becomes available.

- [ ] Survey Required: Conduct raptor surveys to determine the status of known nests and verify presence of additional nests in the affected area of this action. Surveys are to be conducted by consultants qualified to conduct such surveys and approved by SITLA. All surveys would be conducted by helicopter during May of each year unless otherwise provided by SITLA. The surveys are required to be completed in the same year as the proposed drilling/construction so that current nest activity status data are available prior to Application for Permit to Drill approval. Cost for surveys and preparation of a report of the findings of the survey would be the obligation of the lease holder.
- [X] Raptor Nest Site Bufferzone Permanent Occupancy: Upon the finding of the above survey (or other appropriate documentation) that the action lies within 0.5 miles of a raptor nest occupied (defined below) in any of the three years preceding the proposed date of construction, the action would be subject to the no surface occupancy provision stated below and provided for in the Price CBM FEIS.

Permanent surface distrubance and occupancy (i.e. oil and gas production facilities) is prohibited within 0.5 miles of raptor nests which have been documented as occupied within three years.

The provision will apply as long as the nest status remains unchanged (i.e. kocumented as occupied within any of the three years preceding the proposed date of construction. If the nest is documented as unoccupied for a period of three or more consecutive years, it will be deemed to have been abandoned and the action will no longer be subject to the nor surface occupancy provision.

In the event an action involving a permanent facility, as described above, is proposed within the 0.5 mile bufferzone, SITLA will initiate a site specific evaluation in coordination with the USFWS. This coordination will range from informal contacts that can be accomplished by telephone, to field coordination which could intail the delineation of a site specific bufferzone to address site terrain features such as topographic and vegetative screening. Upon completion of the site specific evaluation, SITLA will notify the holder of the findings. If the site specific evaluation determines that the action can be accommodated with no significant adverse affects to the current or future productivity of the nest, the no surface disturbance/occupancy referenced above would not be applicable.

[X] Raptor Nest Site Bufferzone Temporary Occupancy: Any temporary surface disturbance and occupancy (i.e. road and pipeline construction, etc.) associated with this permit,

occurring within 0.5 miles of a raptor nest documented as occupied in one or more of the three years preceding the proposed date of construction must be conducted outsied the nesting period of February 1 to July 15. This will include but not be limited to road construction or upgrading required to reach this well location. If such work is required to access this location with heavy equipment, the seasonal closure of February 1 to July 15 will also apply to the drilling of this well.

[X] Maintenance and Operation of Existing Wells within 0.5 miles of Raptor Nests: In the event an action is authorized and constructed and a raptor nest is subsequently built within 0.5 miles of the development, maintenance and operations involving workovers or heavy equipment operation under this action will be subject to the following conditions and notifications.

The proponent is required to submit (at least 5 days in advance of proposed work) a sundry notice for all work over or maintenance operations requiring use of heavy equipment proposed during the raptor breeding season (February 1 - July 15) and within the 0.5 mile bufferzone of any known raptor nest site. Upon receipt of this notification SITLA in consultation with DWR and USFWS would issue a determination on the activity status of the affected raptor nest. If the nest is found to be occupied, site specific protection measeures would be developed to protect the nesting raptors and prevent conditions or actions that may result or contribute to a taking as defined under the Bald Eagle Protection Act and or the Migratory Bird Treaty Act.

To avoid the necessity for this provision, the operator is encouraged to schedule all such work outside of the nesting period on wells subject to this provision.

Occupied Nest Site Definition: An occupied raptor nest is defined for the purposes of this stipulation, as any nest site exhibiting physical evidence of current use by raptors. Evidence may include but is not limited to: presence of raptors (adults, eggs or young) at the nest or within the nesting territory, presence of greenery in the nest, and/or presence of current year's whitewash at the nest or in the immediate vicinity of the nest.

#### **Cultural Resources**

All areas subject to surface disturbance, or Areas of Potential Effect (APE), which have not been previously inventoried for cultural resources to SITLA standards, must be inventoried prior to approval of an APD or other actions. The APE is defined as any area that may be subject to direct or indirect impacts to cultural resources by elements of the development project. The zone of the APE shall vary in size in accordance with the projected levels of sensitivity for cultural resources at the location of any development. In low sensitivity areas, the APE shall be defined as the area subject to direct impacts through surface disturbing activities. In areas of

medium sensitivity, the APE shall be expanded to account for potential indirect impacts: intensive inventory shall occur on all well pads plus additional 10 acres surrounding each pad; a 150- foot corridor center on roads, flowlines, and other facilities shall be inventoried as the APE. In high sensitivity areas, the APE shall include the well pad and 10 acres surrounding the well location' and the APE for roads, flowlines, and other facilities shall be area of direct ground disturbance and a 300-foot zone on all sides of the facility.

Cultural resource inventories shall be conducted in consultation with SITLA by authorized cultural resource professionals. Prior to field work, a records check must be conducted to identify previous inventories ans recorded properties. During the course of inventories, previously unrecorded sites must be recorded on standard forms, photographed, and mapped. Cultural resources shall be evaluated, and a recommendation on eligibility to the National Register of Historic Places shall be made. SITLA shall make all Determinations of Eligibility. A report shall be prepared for each development or series of developments documenting the inventory methods, results, description of the sites within the APE, recommendations on National Register eligibility, and shall include proposed mitigating measures.

SITLA shall consult with the State Historic Preservation Officer (SHPO) and the President 's Advisory Council on Historic Preservation (ACHP) as mandated by the National Historic Preservation Act of 1966 (as amended), in accordance with guidelines set forth in a Programmatic Agreement among BLM, SHPO, ACHP, and RGC. This document has been completed as a legally binding agreement and is referenced in the Record of Decision for the overall project. Site avoidance, detailed site recordation, and site protection shall be the preferred treatments, but mitigation of National register eligible properties through date recovery may take place where avoidance is not prudent or feasible, after consultation as specified in the Programmatic Agreement. SITLA shall submit a treatment plan to SHPO, ACHP and to other affected parties as may be appropriate for a 30-day consultation prior to implementation of data recovery efforts.

SITLA shall notify, consult, and/ or coordinate with Indian tribes, traditional leaders, and other interested parties as required by various statues (NEPA, American Indian Religious Freedom Act [AIRFA], National Historic Preservation Act [NHPA], Federal Land Policy and Management Act [FLPMA], Archaeological Resources Protection Act [ARPA], and the Native American Graves Protection act [NAGPRA]). In particular, SITLA shall attempt to elicit information concerning the potential effects of any action resulting from the Proposed Action on tradition cultural properties, including areas of traditional use and areas of religious or cultural importance to tribes. Indian tribes shall be afforded a minimum of 30 days for review, comments and consultation prior to issuance of a decision; under certain circumstances additional time must be afforded. A 30- day notification period is required by ARPA prior to issuance of any Cultural Resource Use Permits of r the excavation and removal; of cultural resources from public lands administered by SITLA. NAGPRA requires notification and consultation with affected tribes regarding the potential to encounter human remains during the course of a project, and provides for cessation of work, and the notification and consultation with tribes should inadvertent

discovery of human remains occur during the course of a project. SITLA shall assure adherence to these statues.

If a previously unknown property is encountered during construction or operation of the facilities, or is a previously planned undertaking shall affect a known historic property in an unanticipated manner, all work that might adversely affect the property shall cease until SITLA can evaluate the significance of the property and assess the effect of the undertaking. SITLA shall consult with SHPO on both a determination of eligibility and the assessment of effect on an expeditious manner. If the site is determined eligible and shall be affected by the undertaking, SITLA shall ensure that RGC prepares an avoidance or treatment plan for the property.

If humans remains are discovered at any point during the project, they shall be treated according to state and federal law, and according to the wishes of concerned Native American tribes, pursuant to the Native American Graves Protection and Repatriation Act. The county sheriff, coroner, land-managing official, and State Archaeologist shall be notified. The remains shall not be disturbed until the appropriate officials have examined them

## **Land Use**

On split estate lands, where the surface is privately owned and the subsurface is owned by SITLA, SITLA will recommend the same environmental protection standards as shall be used for SITLA surface. The operator is responsible for making a good faith effort ro reach an agreement with the privates surface owner which considers the recommended SITLA protection measures and formalizes requirements for the protection of surface resources and/or damages.

Each application for permit to drill or application to conduct other surface disturbing activities shall contain the name, address and telephone number of the surface owner. The SITLA shall invite the surface owner to participate in any on-site inspection that is held. The operator is responsible for making access arrangements with the private surface owner prior to entry.

Incorporated cities are categorized by BLM as no Lease. Within the Project Area, BLM leases do not permit surface occupancy or other activity for Carbon County Airport, Carbon County Recreation Complex, and Carbon County sanitary landfill.

#### Livestock Management

Existing range and livestock management facilities, such as fences wells, reservoirs, watering pipelines, troughs and trailing systems, shall not be disturbed without prior approval of SITLA. Where disturbance is necessary, the facility shall be returned to its original condition.

Newly constructed range improvements such as fences and reservoirs must meet SITLA standards. When it is necessary to gain access across a fenceline for construction purposes, the fence must be braced. Four-inch timber or equivalent must be installed and the gateway kept closed when not in actual use.

All gates found closed during the course of the operation must be reclosed after each passage of equipment and personnel. Cattle guards shall be installed in fences on all collector roads. Either a cattle guard or a gate shall be required on local and resource to roads to control livestock movement or vehicular access.

If road construction cuts through natural topography that serves as a livestock barrier, a fence shell be constructed to replace it. The fence shall be installed with a cattle guard or gate to control livestock and vehicle movement or access.

Access to grazing areas shall be maintained at all times. Livestock operators shall have access to grazing and trailing areas where road closures are implemented during periods of authorized livestock use.

#### **Visual Resources**

Roads through timbered areas shall take a curvilinear path to reduce sight distances.

Upon completion of the project the area and access roads shall be reclaimed to as near the original condition as possible. All disturbed areas shall be recontoured to blend as nearly as possible with te natural topography. All berms shall be removed and all cuts (including roads) filled.

Construction areas and access roads shall be kept liter-free. The operator must provide a trash pit or trash cage, and trash must be collected and contained during the operation. All garbage, trash, flagging, lath, etc., shall be removed from the area and hauled to an authorized dump site.

Construction and facilities shall be in conformance with Visual Resource Management (VRM) objectives for the VRM classes in the Project Area. All surface facilities in the Project Area shall be located to minimize disturbance of the visual horizon and painted to blend in with the surrounding landscape.

Colors shall be specified by the SITLA.

#### MISC. ITEMS

MUD PIT:	Lined	Unlined	Determine at construction	
Comments:	, where a			_
				_
<del></del>				

#### **APPENDIX 2F**

#### SEED MIXTURES FOR THE PRICE COALBED METHANE PROJECT

Seed mixtures have been developed for general land types throughout the project area. They are based on erosion control, forage production, elevation, soils, vegetation communities and average annual precipitation zones. The mixtures show the plant species and the pounds per acre of pure live seed (PLS) to be planted.

The following seed mixture will be planted along service road borrow ditches, around the edge of drill pads with a production well, and surrounding other production and maintenance facilities. The purpose of this seeding is to provide a "green strip" buffer to minimize fire hazards and prevent invasion and establishment of noxious weeds in areas that will receive contained disturbance for the life of these project areas.

Green Strip Area

NOTES:

Common Plant Name	Scientific Name	Pounds per acre/PLS*
Forage kochia	Kochia prostra	2
Wyoming big sagebrush	Artemisia tridentata wyominggensis Var. Gordon Creek	1
Douglas low rabbitbrush	Chiysothamnus viscidiflorus	1
Yellow sweetclover	Melilotus officinalis	1
Small burnet	Sanguisorba minor	1
Bottlebrush squirreltail	Elymus elymoides	1
Inertmediate wheatgrass	Thinopyrum intermedium	1

The following seed mixtures are for areas that will receive final reclamation. Areas would be planted to protect them form soil erosion and to restore forage production.

Total

8

Salt Desert Areas		
NOTES:		
Common Plant Name	Scientific Name	Pounds per acre/PLS*
Grasses Indian ricegrass Squirreltail Galleta	Oryzopsis hymenoides Elymus elymoides Hilaria jamesii	2 2 2
Forbs Lewis flax Palmer penstemon Gooseberryleaf glodemallow	Linum perenne lewisii Penstemon palmerii Sphaeralcea grossulariifolia	1 1 0.5
Shrubs Forage kochia Rubber rabbitbrush Fourwing saltbush Winterfat	Kochia prostrata Chrysothamnus nauseosus Atriplex canescens Krascheninnikovai (Eurotia) lanta Total	2 1 2 2 15.5
Sagebrush/ Grass Areas		
NOTES:	· · · · · · · · · · · · · · · · · · ·	
	cientific Name	Pounds per acre/PLS*
Grasses Indian ricegrass Squirreltail Thickspike wheatgrass Crested wheatgrass	Oryzopsis hymenoides Elymus elymoides Elymus lanceolatus Agropyron desertorum	2 2 1 2
Forbs Lewis flax Palmer penstemon Small burnet	Linum perenne lewisii Penstemon palmerii Sanguisorba minor	· 1 1 1

Shrubs Forage kochia Whitestem rabbitbrush Fourwing saltbush Wyoming big sagebrush	Kochia prostrata Chrysothamnus nauseosus albicaulis Atriplex canescens Artmesia tridentata Total	2 1 2 1 16
Pinyon/Juniper Areas		
NOTES:		
· · · · · · · · · · · · · · · · · · ·		
Common Name Grasses	Scientific Name	Pounds per acre/PLS*
Thickspike wheatgrass	Elymus lanceolatus	1.5
Inertmediate wheatgrass	Thinopyrum intermedium	1.5
Squirreltail	Elymus elymoides	2
Crested wheatgrass	Agropyron desertorum	2
<u>Forbs</u>		
Lewis flax	<u>Linum perenne lewisii</u>	1
Palmer penstemon	Penstemon palmerii	1
Small burnet	Sanguisorba minor	1
Shrubs	To alice managements	2
Forage kochia	Kochia prostrata Atriplex canescens	2
Fourwing saltbush Wyoming big sagebrush	Artmesia tridentata wyominggensis	1
w youning big sageblusii	var. Gordon Creek	•
Antelope bitterbrush	Purshia tridentata	1
True Mt. mahogany	Cercocarpus montanus	<u>1</u>
<b>0</b>	Total	17
Mountain Brush Areas		
NOTES:		

Common Name

Scientific Name

Pounds per acre/PLS\*

CRITICAL WINTER RANGE		RAPTOR NEST SITE
Grasses Sheep fescue Smooth brome Slender wheatgrass Intermediate wheatgrass Russian wildrye	Festuca ovina Bromus inermis Elymus trachycaulus Elytirgia intermedia Psathyrostachys juncea	2 2 2 1.5 1
Forbs Lewis flax Rocky Mt. penstemon Sainfoin	Linum perenne lewisii Penstemon strictus Onobrychis viciifolia	1 1 0.5
Shrubs Forage kochia Wyoming big sagebrush Antelope bitterbrush Mountain big sagebrush True Mt. mahogany	Kochia prostrata Artmesia tridentata wyominggensis var. Gordon Creek Purshia tridentata Artemisia tridentata var. vaseyana Cercocarpus montanus Total	2 0.5 1 0.5 <u>1</u> 16
Riparian Areas  NOTES:		·
Common Plant Name Grasses and Grasslike Reed canarygrass Streambank wheatgrass	Scientific Name  Phalaris arundinacea  Elymus lanceolatus riparium	Pounds per acre/PLS*  2 4

Common Plant Name	Scientific Name	Pounds per acre/PLS
Grasses and Grasslike		
Reed canarygrass	Phalaris arundinacea	2
Streambank wheatgrass	Elymus lanceolatus riparium	4
**Nebraska sedge	Carex nebrascensis	
**Baltic rush	Juncus balticus	
Shrubs **Coyote pillow Skunkbush sumac	<u>Salix exqua</u> <u>Rhus trilobata var. trilobata</u> Total	<u>2</u> 8

Trees

- \*\* Narrowleaf cottonwood Populus augustifolia
- \* Seeding rate is listed as pounds per acre of pure live seed (PLS) drilled. Rate is increased by 50 percent if broadcast seeded.

Formula: pure live seed (PLS) =%seed purity x %seed gemination.

\*\* Sedge and rush root mass plugs, willow cuttings and cottonwood bare stock plantings will be done in the spring, within one month after water flows, when the riparian water table and soil moisture will ensure planting success.

# EXHIBIT "D" DRILLING PROGRAM

Attached to Form 3
River Gas Corp.
Utah 10-415
NE/4, NE/4, Sec. 10, T16S, R8E, SLB & M
1090' FNL, 557' FEL
Emery County, Utah

## 1. The Surface Geologic Formation

**Mancos Shale** 

#### 2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 3830'

### 3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 3860' - 4000'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1600 psi.

# 4. The Proposed Casing and Cementing Programs

HOLE	SETTING DEPTH	SIZE WEIGHT,GRADE	NEW,
SIZE	(INTERVAL)	( <u>OD</u> ) <u>&amp; JOINT</u>	<u>USED</u>
14"	25'	12-3/4" Conductor	New
11"	480'	8-5/8" 24#LT&C	New
7-7/8"	4800'	5-1/2" 17#LT&C	New

# Cement Program - Every attempt will be made to bring cement back to surface.

Surface Casing: 211 sk

211 sks G+2%CaCl+1/4#per sack flocel;15.8#/gal,density,

1.15 cu.ft/sk yield.

**Production Casing:** 

480 sks 50/50 poz 8%gel +2%CaCl+10%extender;12.5#/gal,

density, 1.92 cu.ft/sk yield.

75 sks "G" thixotropic, 14.2#/gal density, 1.61 cu.ft/sk yield.

# The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

## 5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

#### 6. The Type and Characteristics of the Proposed Circulating Muds

0-300	11" hole	Drill with air, will mud-up if necessary.
300-TD	7 7/8" hole	Drill with air. 400 psi @ 1500-1800 Scf.

#### 7. The Testing, Logging and Coring Programs are as followed

300-TD Gamma Ray, Density, Neutron Porosity, Induction, Caliper

#### Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 1400 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

# 8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around September 1999.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

# EXHIBIT "E" MULTIPOINT SURFACE USE PLAN

Attached to Form 3
River Gas Corp.
Utah 10-415
NE/4, NE/4, Sec. 10, T16S, R8E, SLB & M
1090' FNL, 557' FEL
Emery County, Utah

## 1. Existing Roads

- a. The existing Utah Railway access road will be improved by crowning and regraveling.
- b. We do not plan to change, alter or improve upon any existing state or county roads.
- c. Existing roads will be maintained in the same or better condition (See Exhibit "B").

#### 2. Planned Access

No new access is required, access will make use of existing roads (See Exhibit "B").

- a. Maximum Width: 20' travel surface with 27' base
- b. Maximum grade: 12%
- c. Turnouts: None
- d. Drainage design: 12 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

#### 3. Location of Existing Wells

a. See Exhibit "B". There are 0 proposed and 0 existing wells within a one mile radius of the proposed location.

# 4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### 5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

#### 6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

#### 7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

# 8. Ancillary Facilities

a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

#### 9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

#### 10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

## 11. Surface Ownership:

a. The wellsite and access road will be constructed on lands owned by the School & Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.

#### 12. Other Information:

- a. The primary surface use is grazing. The nearest dwelling is approximately 11,000 feet north
- b. Nearest live water is Cedar Creek, 4,300' south.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

# 13. Company Representative

Don S. Hamilton Permit Specialist River Gas Corporation 1305 So. 100 E. Price, Utah 84501 (435) 637-8876 (435) 636-5671

Mail Approved A.P.D. To:

Company Representative

**Excavation Contractor** 

Nelco Contractors Inc. Larry Jensen (435) 637-3495 (435) 636-5268

#### 14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by River Gas Corp. and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

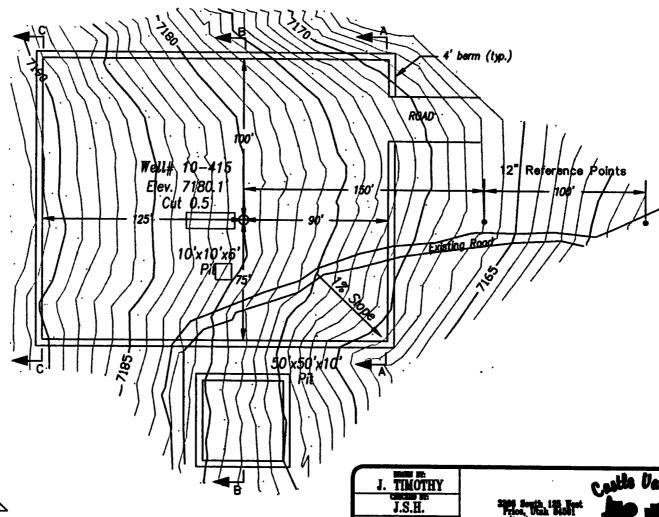
6-28-99

Date

Don S. Hamilton
Don S. Hamilton

Permit Specialist

River Gas Corporation

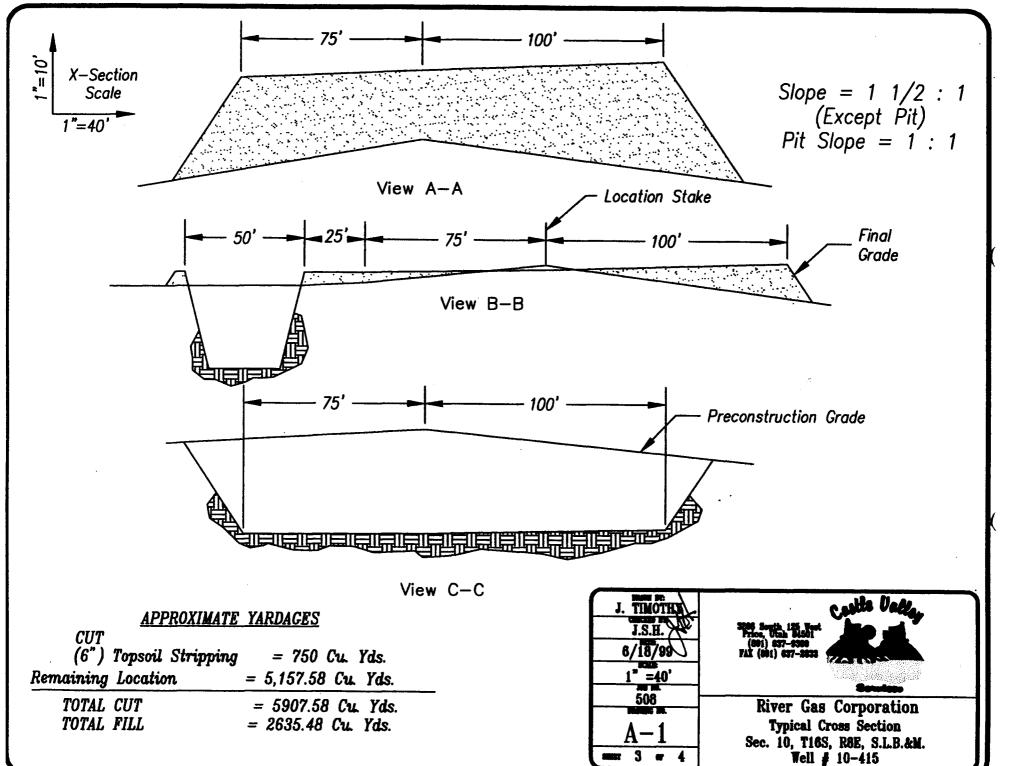


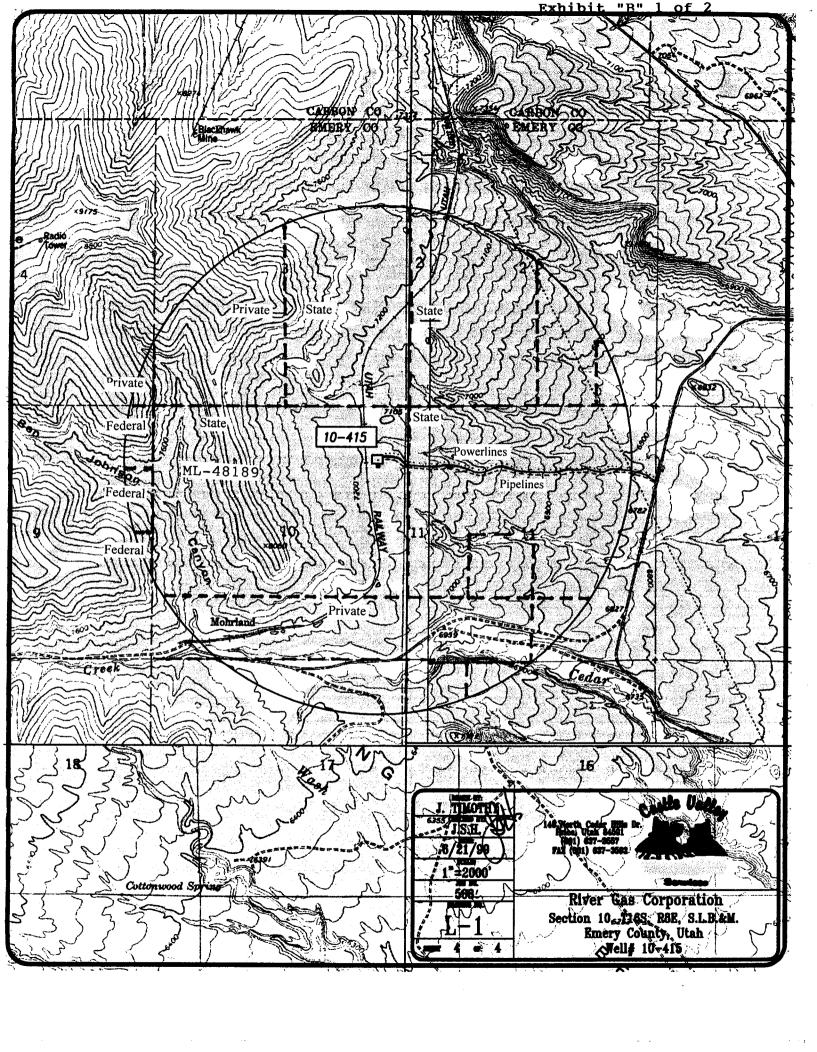


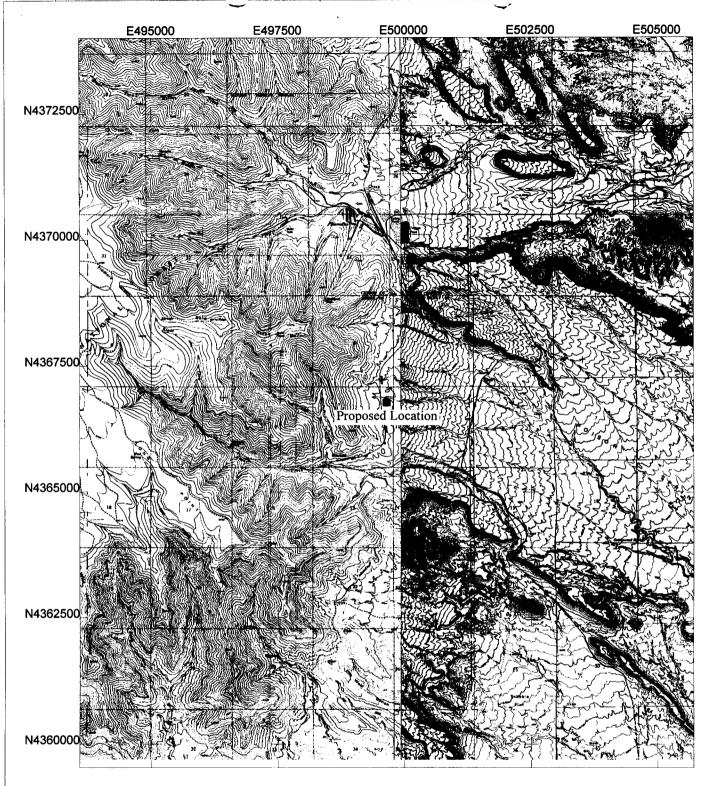
Elevation Ungraded Ground At Location Stake = 7180.1' Elevation Graded Ground At Location Stake = 7179.6'

1" = 60' 30 m. 508

River Gas Corporation Location Layout Sec. 10,T16S, R8E, S.L.B.&M. Well# 10-415





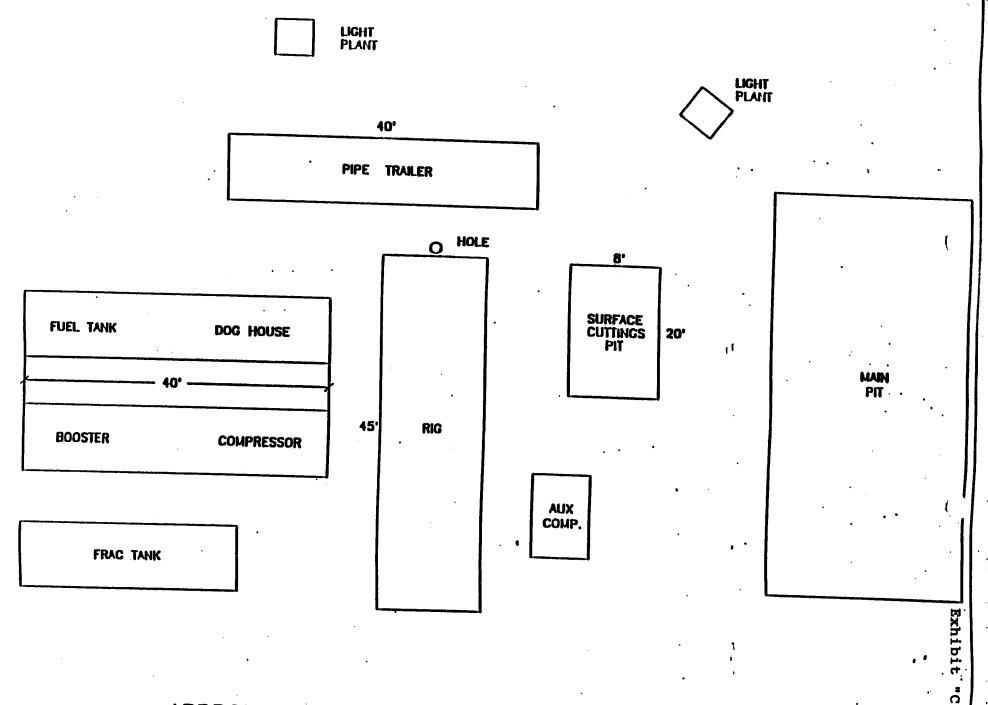


Utah 10-415

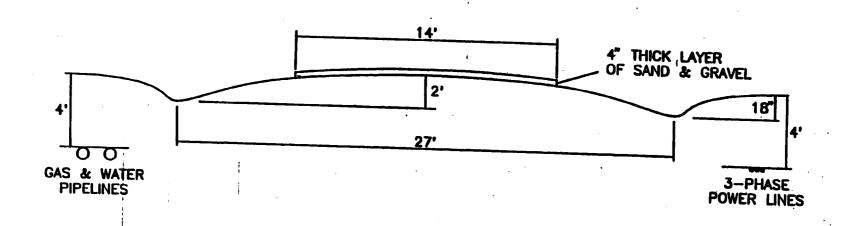
Universal Transverse Mercator North 12 NAD83 (Conus)

N  Scale 1:75000 8000 Feet

6/22/1999 Pathfinder Office™



APPROXIMATE LAYOUT OF RIG & EQUIPMENT ( NOT TO SCALE )

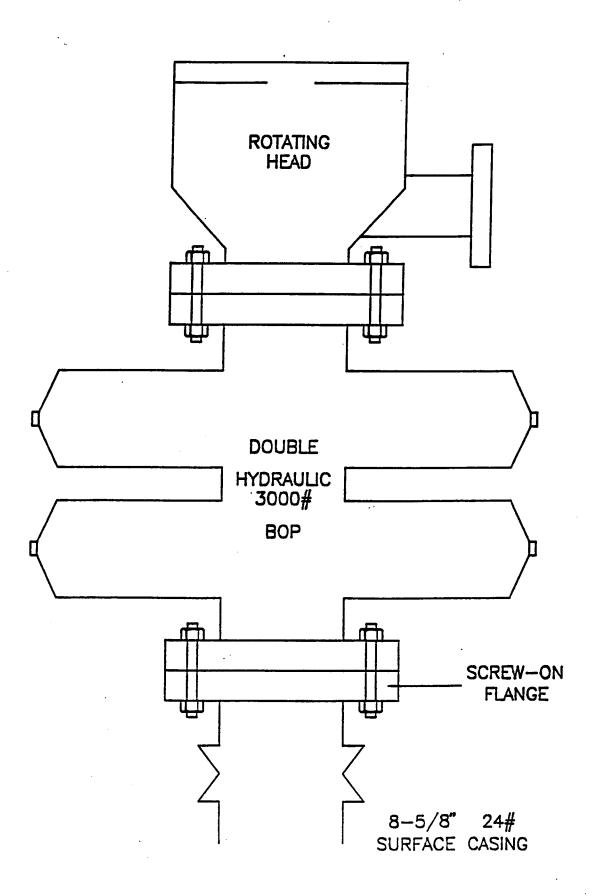


TYPICAL ROAD CROSS-SECTION

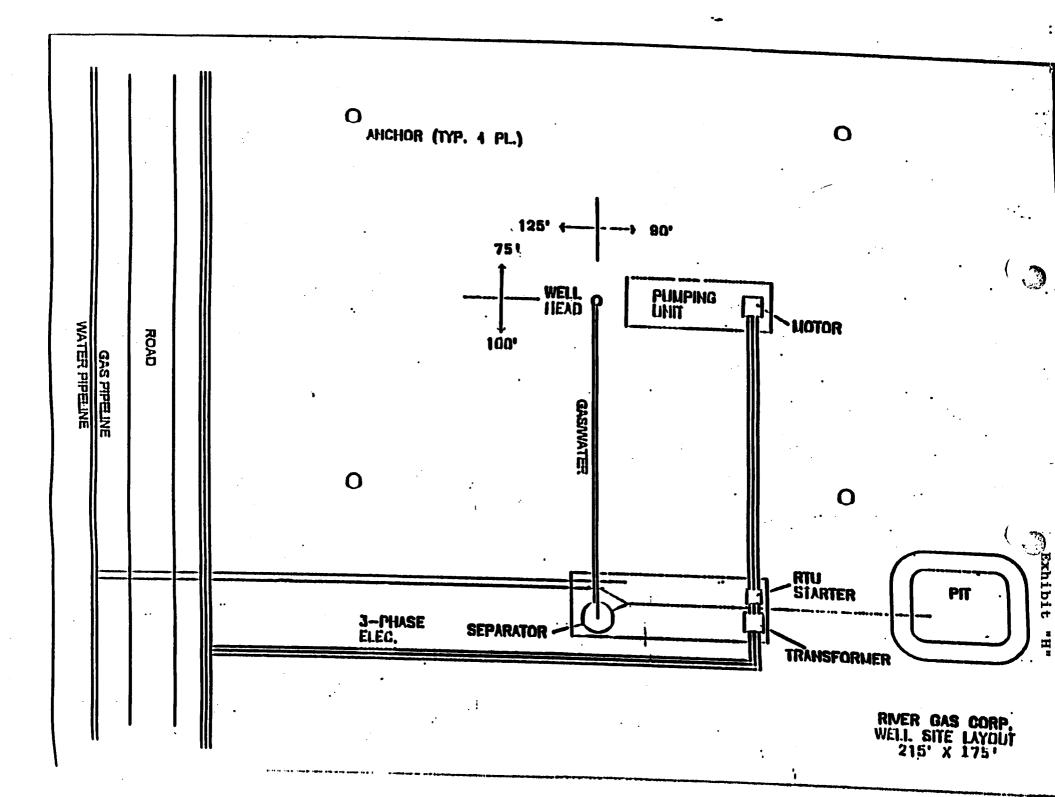
Exhibit.

NOT TO SCALE

# DIVERTER HEAD



RIVER GAS CORP.



### Exhibit "I"

OND NUMBER \_\_ 57 93 33

Corporate Surety Bond

### STATE OF UTAH BOND OF LESSEE

GULF INSURANCE COMPAN unto the State of Utah in the su to be paid to the School & Institt of the State of Utah, and of any lease heretofore sold or which mineral deposits of any portion of	THESE PRESENTS, that we River Gas Corporation and Drunkards Wash of 511 Energy Center Blvd. Northport, AL 35476 as principal and Y. P.O.BOX 1771, DALLAS, TEXAS 75221, as surety, are held and firmly bound m of Hundred Thousand Dollars (\$200,000.00) lawful money of the United States attional Trust Lands Administration, as agent for the State of Utah, for the use and benefit patentee or purchaser of any portion of the land covered by the hereinafter described may hereafter be sold with a reservation to the State of Utah, on the surface or of other of such lands, for which payment, well and truly to be made, we bind ourselves, and each ecutors, administrators, successors, sublessees, and assignees, jointly and severally by
Signed with our hands as	nd seals this 4th day of March, 19 96.
The condition of the fore	egoing obligation is such that,
WHEREAS. 442 Sure of lease, Lease Number -	f Utah, as Lessor, issued a(n)
	end_deted
to-	(and said lease has been duly assigned under date of
	to-drill-for, mine, extract, and remove all of the
or liabilities which arise by operations shall fully comply with all other to of the School & Institutional Trust Gas and Mining as they may now even if the principal has conveyed described obligations, then the su	e principal and surety shall be obligated to pay all monies, rentals, royalties, costs of e and improvements thereon and any other damages, costs, expenses, penalties, interest tion of or in connection with the above described lease(s) accruing to the Lessor and erms and conditions of said lease, the rules, regulations, and policies relating thereto t Lands Administration, the Board of Oil, Gas and Mining, and the Division of Oil, exist or may from time to time be modified or amended. This obligation is in effect part of its interest to a successor in interest. If the principal fully satisfies the above rety's obligation to make payment to the State of Utah is void and of no effect, are and effect until released by the School & Institutional Trust Lands Administration.
in the presence of Witness	River Gas Corporation David M. Chambers, President
APPROVED AS TO FORM:	BONDING COMPANY  BY  Frances Burks, Attorney-in-fact  Attest:  Attest:
JAN GRAHAM ATTORNEY GENERAL	Bonding Co. Address: P.O. Box 1771, Dallas, Texas 75221
By _ 10 h W// Medreus	J 10221
	Corporate Seal of Bonding Company Must be Affixed.



### POWER OF ATTORNEY :

### KNOW ALL MEN BY THESE PRESENTS:

That GULF INSURANCE COMPANY, a corporation of the State of Missouri, hereinafter called "Company," does hereby appoint

FRANCES BURKS, DALLAS, TEXAS

its true and lawful Attorney-in-fact to make, execute, seal and deliver on its behalf, as surety, any and all bonds and undertakings of suretyship. including waiver and consent of surety to conditions of contracts.

The execution of such bonds or undertakings in pursuance of these presents shall be as binding upon the Company as if they had been executed and acknowledged by the regularly elected officers of the Company.

This Power of Attorney is issued pursuant to and by authority of the following resolution of the Board of Directors of the Company, adopted effective July 1, 1983, and now in full force and effect:

"Resolved that the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary may appoint Attorneys-in-fact in any state, territory or federal distinct to represent this Company and to act on its behalf within the scope of the authority granted to them. in writing, which authority may include the power to make, execute, seal and deliver on behalf of this Company, ar surety, and as its act and deed, any and all bonds and undertakings of suretyship and other documents that the promaty course of surety business may require, including authority to appoint agents for the ice of process in any jurisdiction, state or federal, and authority to attest to the signature of the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary and to verify any afficavit or other statement relating to the foregoing, and to certify to a copy of any of the bytaws of the Company and to any resolutions adopted by its Board of Directors; and any such Atturney-in-fact may be removed and the authority granted him revoked by the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary, or by the Board

This Power of Attorney and Certificate are signed and sealed by facsimile under and by authority of the following resolution of the Board of Directors of the Company, adopted effective July 1, 1983, and now in full force and effect:

Resorved that the signature of the President, or of any Senior Vice President, or of any Vice President, or of the Secretary, or of any Assistant Secretary, and the seal of the Company may be affixed by mile to any power of attorney or to any certificate relating thereto appointing Attorneys-in-fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, including any such power of attorney and certificate revoking the authority of the foregoing Attorneys-in-fact, as well as for the appointment of agents for the service of process in any jurisdiction. state or federal, including any such power of attorney and certificate revoking the authority of such agents; and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power of attorney or certificate so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company at the nv such power of attorney and certricate are executed and in the future with respect to any bond or undertaking to which they are attached."

greof, the Company has caused this Power of Attorney to be signed and its corporate seal to be affixed by its authorized officer this lst of June . 19 88 before me. a Notary Public of the State and County aforesaid, residing therein, duly commissioned day of June med officer of GULF INSURANCE COMPANY, who being by me first duly swom according to law, did depose and say that he is that officer of the company described in insument; that he knows the seal of said company; that the seal affixed to such instrument is the corporate seal of said company; and that the corporate seal and his Bind subscribed to the said instrument by the authority and direction of said co lifford R. 30th June

CERTIFICATE 1, the undersigned, do hereby certify that the original Power of Attorney of which the foregoing is a true and correct copy is in full force and effect, and the foregoing resolutions are true and correct transcripts from the records of GULF INSURANCE COMPANY and that the above named officer was on the date

ereunto subscribed my name and affixed the corporate seal of Gulf Insurance Company this

the foregoing Power of Attorney authorized to execute this Power of Attorney.

March

96



### RIVER GAS CORPORATION

UTAH OPERATIONS 1305 South 100 East Price, Utah 84501 Bus. (435) 637-8876 FAX (435) 637-8924

# ORIGINAL CONFIDENTIAL

June 28, 1999

Mr. John Baza Associate Director Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801 JUL - 2 1999

DIV. OF OIL, GAS & MINING

RE: Exception location – Utah 10-415, Section 10, T16S, R8E, SLB&M Emery County, Utah

Dear Mr. Baza:

Please accept this letter as River Gas Corporation's (RGC's) request that this proposed well be approved as an exception location in accordance with Utah Administrative Code § R649-3-3 for topographical reasons. This proposed well site does not conform with cause No. 243-1; 160 acre spacing order that affects the subject NE/4.

RGC's contractor, GeoScout Land and Title Company, will send your office an affidavit describing the owners within a 460 foot radius of the well. Thank you for your timely consideration of this request, please feel free to contact me if you have any questions or need additional information.

Sincerely yours,

Don S. Hamilton Permitting Specialist

cc: Tammie Butts, RGC

Sally Sullivan, Geoscout Land and Title Company

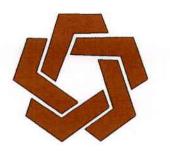
Hamilton

Randy Allen, RGC Joey Stephenson, RGC

RGC well file

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/02/1999	API NO. ASSIGNED: 43-015-30391				
WELL NAME: UTAH 10-415 OPERATOR: RIVER GAS CORPORATION CONTACT: Don Hamilton (435) 637-887					
PROPOSED LOCATION:	INSPECT LOCATN BY: / /				
NENE 10 - T16S - R08E SURFACE: 1090-FNL-0557-FEL	TECH REVIEW Initials Date				
BOTTOM: 1090-FNL-0557-FEL EMERY COUNTY UNDESIGNATED FIELD (002)	Engineering RM 5-299				
LEASE TYPE: STA	Geology				
LEASE NUMBER: ML-48189 SURFACE OWNER: State	Surface				
PROPOSED FORMATION: FRSD	_				
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:				
Plat Bond: Fed[] Ind[] Sta [ Fee[]	R649-2-3. Unit				
(No. <u>579333</u> )  Potash (Y/N)	R649-3-2. General				
N oil Shale (Y/N) *190-5(B) Water Permit	R649-3-3. Exception				
(No.	Drilling Unit Board Cause No: 243-1 (160') Date: _10-13-98				
Fee Surf Agreement (Y/N)	R649-3-11. Directional Drill				
COMMENTS: Ned Preside. Clandworld	7-20-99)				
COMMENTS: Need Preside. (Conducted  (243-1) Need add'l into. "Ex Loc".	(kc'd 8-20-99)				
STIPULATIONS: (1) Conductor an	d suface cisings shall be				
corrended to surface.					
(3) SITLA STIPS					



### Division of Oil, Gas & Mining

OPERATOR: RIVER GAS CORPORATION (N1605)

FIELD: UNDESIGNATED (002)

SEC. 10, TWP 16 S, RNG 8 E,

COUNTY: ENERY UNIT: NONE

**CAUSE No: 243-1 160 ACRES** 

T16S R8E		
		CAUSE NO. 243-1 160 ACRES
,	3	2
	•	UTAH 10-415
9	10	\$1
16	15	14
		PREPARED

PREPARED DATE: 13-JULY-1999

### ON-SITE PREDRILL EVALUATION

### Division of Oil, Gas and Mining

OPERATOR: River Gas Corporation
WELL NAME & NUMBER: Utah 10-415
API NUMBER: 43-015-30391
LEASE: State FIELD/UNIT: UNDESIGNATED
LOCATION: 1/4,1/4 NENE Sec 10 TWP: 16 S RNG: 8 E 1090 FNL 557 FEL
LEGAL WELL SITING: 660'F SEC. LINE; 660 F 1/4,1/4 LINE; 1320F ANOTHER WELL.
GPS COORD (UTM): $X = 499,678$ ; $Y = 4,366,548$
SURFACE OWNER: State
<u>PARTICIPANTS</u>
C. Kierst(DOGM), D. Hamilton, G. Vasquez and C. Anderson(RGC), L. Jensen(Nelco), C. Colt (DWR). Bryant Anderson (Emery County) will visit the location at a later time.
REGIONAL/LOCAL SETTING & TOPOGRAPHY
Western margin of Colorado Plateau/~0.5 miles east of foot of Wasatch Plateau. The location is on an eastward-dipping pediment surface west of Poison Spring Bench. The pad is situated in a pinyon / juniper grove on otherwise open ground. The location is ~250' east of a railroad grade, 1 mile northeast of Mohrland, Utah, 2 miles south of Hiawatha, Utah and 8 miles north of Huntington, Utah.
SURFACE USE PLAN
CURRENT SURFACE USE: Grazing and wildlife habitat.
PROPOSED SURFACE DISTURBANCE: 215' X 175' pad with 50' X 50' X 10' attached pit and no new approach road?
LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: None
LOCATION OF PRODUCTION FACILITIES AND PIPELINES: telemetry equipment, pumpjack, separator, casing, tubing and pumping strings, and buried gathering and power lines, all on the pad or originating therefrom.
SOURCE OF CONSTRUCTION MATERIAL: Gravel location and approach road;

soil stored in berm, the location will be made of natural material
borrowed from leveling the pad during construction. Any additional
material will be gotten from legitimate purveyors.
ANCILLARY FACILITIES: none
WASTE MANAGEMENT PLAN:
Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected to be produced. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a RGC-operated salt water disposal well. Used oil from drilling operations and support is hauled to a used oil re-cycler and re-used.
ENVIRONMENTAL PARAMETERS
AFFECTED FLOOD PLAINS AND/OR WETLANDS: Area drains to Sand Wash (Cottonwood Spring 3.25 miles downstream) and subsequently into Desert Lake Wash, Desert Lake, Desert Seep Wash and the Price River.
FLORA/FAUNA: Pinyon, juniper, rabbitbrush / birds, lizards, coyotes, rodents, raptors, critical elk and deer winter range, reptiles.  Inactive eagle nest ½ mile north.
SOIL TYPE AND CHARACTERISTICS: Moderately-permeable silty soil on Ouaternary/Tertiary Pediment Mantle
SURFACE FORMATION & CHARACTERISTICS: <u>Ouaternary/Tertiary Pediment</u> <u>Mantle overlying the Upper Blue Gate Shale Member of the Mancos Shale.</u> <u>The Emery Sandstone Beds are present in this area, and form a cliff</u> <u>face in the wash about a mile to the north of this location.</u>
EROSION/SEDIMENTATION/STABILITY: Stable
PALEONTOLOGICAL POTENTIAL: None observed.
RESERVE PIT
CHARACTERISTICS: Dugout, earthen pit, as above.
LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner.
SURFACE RESTORATION/RECLAMATION PLAN
As per State surface agreement.
SURFACE AGREEMENT: Agreement filed with State.

CULTURAL RESOURCES/ARCHAEOLOGY: No archaeological survey yet.

OTHER OBSERVATIONS/COMME
--------------------------

<u>Two i</u> locati		golden	eagle	nest	within	½ mile	of	the	pad.	Exception	
ATTACHMENTS	<u>3:</u>										
4 Phot	ographs	taken.	(53-	56)							
	C. DOGM RE	Kierst PRESENT	ATIVE		7/	20/1999 DAT	12: E/TI		M		

### Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)	0	
>200 100 to 200	5	
75 to 100 25 to 75	10 15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)	0	
>1000 300 to 1000	2	
200 to 300	10 15	
100 to 200 < 100	20	0
Distance to Nearest Municipal		
Well (feet) >5280	0	
1320 to 5280	5	
500 to 1320 <500	10 20	0
Distance to Other Wells (feet) >1320	0	
300 to 1320 <300	10 20	0
	20	<del></del>
Native Soil Type Low permeability	0	
Mod. permeability	10 20	10
High permeability	20	<u> </u>
Fluid Type		
Air/mist	0 5	
Fresh Water TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of	15	
hazardous constituents	20	0
Drill Cuttings		
Normal Rock Salt or detrimental	0 10	0
Salt or detrimental	10	<u> </u>
Annual Precipitation (inches)		
<10 10 to 20	0 5	
>20	10	5
Affected Populations		
<10 10 to 30	0 6	
30 to 50	8	^
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown Present	10 15	0
1100000		

Final	Score	<u>15                                    </u>	(Level	ΙI	Sensitivity)



RGC Utah 10-415 4301530391 1090 FNL, 557 FEL, S. 10, T.16S., R.8E., Carbon County, Utah C. Kierst 7/20/99



Michael O. Leavitt Governor Kathleen Clarke **Executive Director** John Kimball Division Director

Southeastern Region 475 West Price River Drive, Suite C Price, Utah 84501-2860 435-636-0260 435-637-7361 (Fax)

20 July, 1999

# CONFIDENTIAL

### On-Site Gas Well Inspection River Gas Corporation

- UF 10-415: This proposed well is within the critical big game area, therefore seasonal restrictions for construction and mitigation requirements should be followed. This well site is ½ mile from golden eagle nest #89 (tended 1998, inactive 1990) and #90 (inactive 1998 &1990). There are no expected conflicts with this location. 43-015-30391 Sec. 10, 165,8E
- UT 5-278: This proposed well is within the critical big game area, therefore seasonal restrictions for construction and mitigation requirements should be followed. This well is 0.44 mi from golden eagle nest #104 (inactive in 1998 & 1999), and 0.40 mi from golden eagle nest #107 (tended in 1998 and active in 1999). The proposed well location is >1/4 mile and out of line of sight. We therefore suggest granting an exception to the ½ mile buffer stipulation. However, we request that no construction occur on this site until after July 15th to avoid disturbance to nesting eagles.

43-015-30278 Sec. 5, 165, 9E

UT 9-412: No concerns. 43-007-30580 Sec. 9, 155, 10 E

- Jensen 16-132: No concerns. 43-007-30588 Sec. 14, 155, 10 E

Utah 18-93: No concerns. 43-007-30587 Sec. 18, 145, 10E

### DIVISION OF OIL, GAS AND MINING

### APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

Operator Name: River Gas Corporation	
Name & Number: Utah 10 - 415	
API Number: 43-015-30391	
Location: 1/4,1/4 <u>NENE</u> Sec. <u>10</u> T. <u>16 S</u> R. <u>8</u>	BE County: Emery
Geology/Ground Water:	

There are no aquifers with high quality ground water expected to be encountered. The proposed casing and cement program will adequately isolate any zones of water penetrated.

Reviewer: C. Kierst Date: 7/22/1999

### Surface:

The moderately to highly permeable soil militates the need for the protection of a lined pit. Precipitation will be deflected around the location with berms and culverts. There are no nearby culinary or irrigation water supply wells. Nearby water rights (as close as ~2,000') shouldn't be affected by operations at this well site. The site was photographed and characterized on 7/20/99. Provision was made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the integrity of local infrastructure, groundwater and other resources. Gathering systems and power lines will follow the access road.

Reviewer: C. Kierst Date: 7/22/1999

### Conditions of Approval/Application for Permit to Drill:

- 1. Recommend culverts sufficient to manage expected runoff, standing and surface water in crossed drainages.
- 2. Berm location and pit.
- 3. Site infrastructure as per drilling location plat.
- 4. Minimum 12 mil synthetic lined pit.
- 5. Soil storage as per drilling location plat.

Well name:

899 RGC UT 10-415

Operator:

River Gas Corp.

String type:

Location:

Production

Project ID: 43-015-30391

**Emery County** 

Design parameters:

**Collapse** 

Mud weight:

8.330 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse: Design factor

1.125

**Environment:** H2S considered?

Surface temperature:

No 75 °F

Bottom hole temperature: Temperature gradient:

142 °F 1.40 °F/100ft

Minimum section length:

Non-directional string.

368 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J)

1.60 (J)

Cement top:

1.108 ft

**Burst** 

Max anticipated surface

No backup mud specified.

pressure:

0 psi

Internal gradient: Calculated BHP

0.433 psi/ft

2,077 psi

**Tension:** 8 Round STC: 8 Round LTC:

**Buttress:** 

Premium:

1.50 (J)

Tension is based on buoyed weight. 4.194 ft Neutral point:

1.50 (B) Body yield:

Run Seq	Segment Length (ft) 4800	Size (in) 5.5	Nominal Weight (lbs/ft) 17.00	Grade N-80	End Finish LT&C	True Vert Depth (ft) 4800	Measured Depth (ft) 4800	Drift Diameter (in) 4.767	Internal Capacity (ft³) 165.4
Run Seq	Collapse Load (psi) 2077	Collapse Strength (psi) 6290	Collapse Design Factor 3.03	Burst Load (psi) 2077	Burst Strength (psi) 7740	Burst Design Factor 3.73	Tension Load (Kips) 71	Tension Strength (Kips) 348	Tension Design Factor 4.88 J

Prepared RJK

by: Utah Dept. of Natural Resources

Date: August 2,1999 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Conductor and surface casing shall be cemented to surface. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 4800 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

899 RGC UT 10-415

Operator:

River Gas Corp.

String type:

Surface

Project ID:

43-015-30391

Location:

**Emery County** 

**Environment:** Minimum design factors: Design parameters:

Collapse

Mud weight: Design is based on evacuated pipe.

8.330 ppg

Collapse: Design factor

1.125

H2S considered? Surface temperature:

No 75 °F

Bottom hole temperature: Temperature gradient:

82 °F 1.40 °F/100ft

Minimum section length:

185 ft

**Burst:** 

Design factor

1.00

1.80 (J)

1.80 (J) 1.60 (J) Cement top:

Surface

**Burst** 

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: Calculated BHP

0 psi 0.433 psi/ft

208 psi

**Tension:** 

8 Round STC:

Neutral point:

8 Round LTC: **Buttress:** 

1.50 (J) Premium: 1.50 (B) Body yield:

Non-directional string.

Tension is based on buoyed weight.

420 ft

Re subsequent strings:

Next setting depth: 1,850 ft Next mud weight: 8.330 ppg Next setting BHP: 801 psi

Fracture mud wt: Fracture depth: Injection pressure 19.250 ppg 1,850 ft 1.850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	480	8.625	24.00	J-55	ST&C	480	480	7.972	23.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	208	1370	6.60	208	2950	14.20	10	244	24.21 J

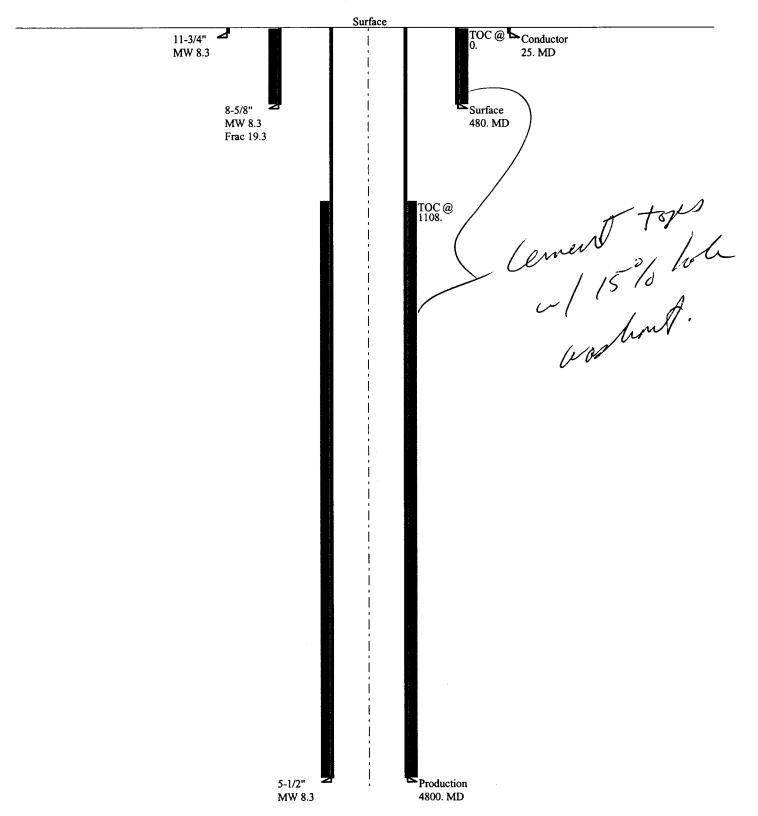
Prepared

**Utah Dept. of Natural Resources** 

Date: August 2,1999 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Conductor and surface casing shall be cemented to surface. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 480 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Casing Schematic





### RIVER GAS CORPORATION

UTAH OPERATIONS 1305 South 100 East Price, Utah 84501 Bus. (435) 637-8876 FAX (435) 637-8924

July 28, 1999

Mr. Bryant Anderson Planning and Zoning Administrator Emery County Courthouse 75 East Main Castle Dale, Utah 84513

RE:

Emery County Gas/Oil Notice of Development Plan for Proposed Production Wells—Utah 05-278, Utah 08-354, Utah 08-355, Utah 08-356, Utah 08-357, Utah 07-350, Utah 07-351, Utah 07-352, and the Utah 07-353 (Emery County, Utah).

Dear Mr. Anderson:

Please find attached the *Emery County Gas/Oil Notice of Development Plan* for the above referenced wells which we have or will conduct a future onsite. Also included is the submitted *Application for Permit to Drill* and a check in the amount of \$300.00 per well for a total of \$3,000.00.

Please accept this letter as River Gas Corporation's written request for confidential treatment of all information contained in and pertaining to these applications, if said information is eligible for such consideration.

Thank you for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,

Don S. Hamilton

Don S. Hamilton Permit Specialist

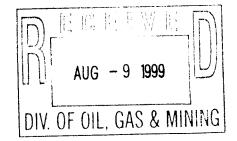
cc: Mr. John Baza, DOGM (without APD)

Mr. Chuck Snure, Texaco (without APD)

Mr. Joe Coughlin, Dominion Resources (without APD)

Mrs. Tammie Butts, RGC (without APD)

RGC Well Files (without APD)



## Emery County Gas/Oil Notice of Development Plan

Map # \_\_\_\_\_

Developer Name River Gas Corporation
Developer Address 1305 South 100 East Price, Utah 84501
Contact Person(s) Don S. Hamilton –Permit Specialist
Phone: (Office) (435) 637-8876 (Mobile) (435) 636-5671 (FAX) (435) 637-8924
Well Name & Number Utah 10-415
Legal Description (w/ 1/4 1/4) NE/4 NE/4, Section 10, T16S, R8E SLB&M
State Lease # (if applic) ML-48189
Primary Permitting Agency: (circle one)
UDOGM Date ap. submitted 6-28-99 BLM Date ap. submitted N/A
USFS Date ap. submitted N/A
Do you have a HazMat Plan for this facility? Yes
Estimated date for project started <u>August 1999</u> Completion <u>November 1999</u>
NOTES:
<ol> <li>Developers are responsible to inform all contractors and sub-contractors that potential personal property tax obligations must be paid. The Emery County Assessor is Jim Fauver (435) 381-2474.</li> <li>Emery County Planning Commission will need to be contacted and included in all appropriate additional paper work, site visits, etc.</li> <li>Please read the above NOTES and initial hereDSH</li> </ol>
Check list:  ✓ All pertinent information listed above completed?  ✓ Complete APD (Application for Permit to Drill) enclosed?  ✓ Filing fee of \$300 enclosed?  N/A Road Encroachment Application filled out with \$25 fee enclosed?  ✓ Land ownership or lease information or application enclosed?
The undersigned certifies that he/she is an authorized agent of the Applicant named above, and that to the best of his/her knowledge, information and belief, the information stated herein is true, complete and correct. The Applicant agrees to continuously supplement this application as new information comes available or as plans change.
Company Rep Signature Don S. Hamilton Date 7-28-99
Emery Co. approval signature Date
AUG - 9 1999
DIV. OF OIL, GAS & MINING

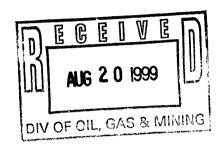
### GEOSCOUT LAND & TITLE COMPANY

P.O. Box 11126 • SALT LAKE CITY, UTAH 84147 • (801) 364-7773

August 19, 1999

### HAND DELIVERED

Mr. John Baza, Associate Director, Oil & Gas Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84180



Re:

River Gas Corporation
Utah 10-415 Well Exception Location
Section 10, Township 16 South, Range 8 East, SLM
Emery County, Utah
API No. 43-015-30391

Dear Mr. Baza:

Reference is made to the pending application for permit to drill ("APD") for the captioned well filed by our client, River Gas Corporation ("RGC"). The APD was filed by RGC in July of 1999.

The lands on which this well is proposed to be located are currently subject to the Board's Order entered in Cause No. 243-1. Under that Order, drilling units of 160 acres were created and no well may be drilled closer than 660 feet from a unit boundary without an exception location. The captioned well is to be drilled at a location 1,090' FNL and 557' FEL in the NE¼NE¼ of Section 10. The distance from the well to the eastern boundary of the unit comprised of the NE¼ (as created under the Order in Cause No. 243-1) is less than 660 feet. The well cannot be located further west due to topographical restraints and a railroad right-of-way. As a consequence, an exception location under Utah Admin. Code Rule R649-3-3-1.3 is required.

Because the proposed location is east of the 660 foot boundary allowed under the Order, the only "offsetting" drilling unit affected by the required exception location is the one comprised of NW¼ of Section 11. As shown by the enclosed Affidavit, the

Mr. John Baza, Associate Director, Oil & Gas August 19, 1999 Page 2

only "owner" within this offsetting unit is Anadarko Petroleum Corporation ("Anadarko"). Anadarko, by virtue of the enclosed Consent, has approved the exception location. With the information provided with this letter and contained in your file for the pending APD, all requirements for approval of an exception location have been satisfied. Your prompt approval is therefore requested.

If you have any further questions or concerns regarding this application, please do not hesitate to contact either me or Fred MacDonald at Pruitt, Gushee & Bachtell (801)531-8446. On behalf of RGC, I thank you for your immediate attention to this matter.

Yours very truly,

Sally M. Sullivan

SMS:cs 1526.167 Enclosures

cc: Joseph L. Stephenson

### **AFFIDAVIT**

STATE OF UTAH	)	
	:	SS
COUNTY OF SALT LAKE	)	

Sally M. Sullivan, being duly sworn upon her oath, deposes and states:

- I am the Vice President of GeoScout Land & Title Company ("GeoScout"). 1.
- GeoScout is a company that specializes in mineral abstracts and mineral title searches, including searches of the oil and gas records at the School & Institutional Trust Lands Administration, State of Utah ("SITLA"). I have performed such searches on behalf of GeoScout's clients for over nine years.
- Based solely upon my search of the SITLA records on August 18, 1999, I have determined the following party to be the "owner" (as that term utilized in the Utah Admin. Code Rule R649-3-3) within the NW1/4 of said Section 11, Township 16 South, Range 8 East, SLM (which is subject to State Oil and Gas Lease ML-48216), being the offsetting drilling unit (created under the Board of Oil, Gas & Mining's Order entered in Cause No. 243-1) to the proposed Utah 10-415 well located in the NE¼NE¼ of adjacent Section 10 of the same township:

### ANADARKO PETROLEUM CORPORATION

The matters stated herein are true of my own knowledge. 4.

DATED this 1999.

Sallæ)M. Sullivan

NOTARX PUBLIC

Subscribed, sworn and acknowledged to and by Sally M. Sullivan before me this

August, 1999.

### **CONSENT TO EXCEPTION LOCATION**

ANADARKO PETROLEUM CORPORATION, P.O. Box 1330, Houston, Texas, 77251, an "owner" (as that term is utilized in Utah Admin. Code Rule R649-3-3) within the NW¼ of Section 11, Township 16 South, Range 8 East, SLM, the offsetting drilling unit under the Order entered in Cause No. 243-1 to the Utah 10-415 well proposed by River Gas Corporation, hereby consents to the requested exception location of that well (1090' FNL and 557' FEL in the NE¼NE¼ of Section 10, Township 16 South, Range 8 East, SLM).

Dated this 10 day of July, 1999.

ANADARKO PETROLEUM CORPORATION

By: O O O Brad Miller Division Reservoir Engineer

00, 00, 00 00, 40 1777 T4000010010

STATE OF UTAH

	DIVISION	FOIL, GAS AND MI	NING -	5 Lame Designation and Series ML-48189	Reber
APPL	ICATION FOR PE	6. V Irelian, Abstrace or Tribe Na N/A			
	DRILL 🛛	7. Unit Agresment Name;			
Type of West OIL	GAS TOTHER:	N/A			
Name of Operator:	] GOINT OTHER	SINGLE ZONE	MULTIPLE ZON	— Clan	
R	iver Gas Corporation	·	••	а <b>уми ра</b> спъ <del>и:</del> 10-415	
Adres est Telephon I		D East, Price, UT 84	1501 (425)627 0	876 Wildcat	
contion of Wall (Foolings	n)	best like, or 6	1301 (433)037-8	11. Qt/Qtr, Section, Township.	Ranco. Meridien:
Al Proposed Product				NE/4,NE/4 Section R08E, SLB&M	on 10, T16S,
14.5 miles son	uthwest of Price, UT	5		12 Cause: Emery	12.50 UTAH
Distance to rearest property or lease line (fe	± 557°	16, Number of scree in lease: 480.00 acres	-	17. Number of earns analysis to this w	ot.
Distance to country and	Artina	19. Proposed Depth.		160 acres	
Coveriers (abov where	on this bear from none	4800'		Rotary	
7180' GR	TOP, NY, GR, MEX			September 1999	GINTC.
		OSED CASING AND	CEMENTING PR	OGRAM	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF	CBENT
14"	12-3/4"	Conductor	25'		
7-7/8"	J-55 8 5/8" N-80 5-1/2"	24#/ft 17#/ft	480'	211 sks G+2%CaCl+1/4#pe	
7-778	N-80 3-1/2	17#/11	4800'	480 sks 50/50poz8%gcl+29	
ober bossesses as		·		cone. If proposal is to drill or damper direct	
·	muured and true vertical depths. Give				
					. •
			•		
			· .	7	
a streets Don S	S. Hamilton	In & Ham	The I	Permit Specialist	6/28/99
me & Signature: LVOII is nis apace for attate use on I Number Assigned:		Im S. Ham	Approved:	Permit Specialist	<u>6/28/99</u>

# Range 8 East

NB9"54"W - 6247.0' (Recorded) NE Corner 1088.76 Drill hole 10-415 Elevation 7180.07' 557.05 East boundar4 of drilling ₹ 1031 allowed under Cause No 243-1

### Location

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office. The well location was determined using a Trimble 4400 GPS Unit.

### Basis Of Elevation:

Basis of Elevation of 7105' as indicated in the NE Corner of Section 10, Township 16 South, Range B East, Salt Lake Base and Meridian, as shown on the Higwatha Quadrangle 7.5 Minute Series Map.

### Description of Well Point

Proposed Drill Hale localed in the NE 1/4, NE 1/4 of Section 10: 1089.76' South and 557.05' West from the NE Corner of Section 10, T16S, RBE, Solt Lake Base & Meridian.

### Surveyor's Certificate:

I, John S. Huefner, a Begistered Licensed Land Surveyor. bolding Certificate \$144848, State of Utah, do hereby earlify that the information on this drawing is a true and accurate survey of the land, and was conducted under my personal supervision, as shown hereon.

NB9"58"W - 5248.88" (Recorded)

### LEGEND:

Township 16-South

- Drill Hole Location
- Found Section Corner Monumented w/ Brass Cap unless indicated otherwise.
- Section Corner searched for but not found





BCALE: 250' 0'

J. TIMOTHY	Γ
J.8.H.	
6/18/99	
1°=1000'	
508	ŀ
Mount IX	
A-1	

**-- 1 w 4** 

River Gas Corporation

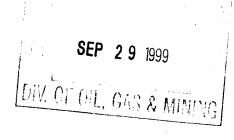
Well# 10-415 Section 10, T168, R6E, S.L.B.&M. Bmery County, Utah



# State of Utah

School and Institutional
TRUST LANDS ADMINISTRATION

Michael O. Leavitt Governor David T. Terry 675 East 500 South, Suite 500 Salt Lake City, Utah 84102-2818 801-538-5100 801-355-0922 (Fax) http://www.trustlands.com



September 28, 1999

Mr. Reed E. Harris Field Supervisor U.S. Fish and Wildlife Service Utah Field Office 145 East 1300 South, Suite 404 Salt Lake City, UT 84102

Re:

Proposal of River Gas Corporation
To Drill within ½ Mile of Raptor Nest
Utah 10-415 Well

Drunkards Wash Project, Carbon County, Utah

Dear Mr. Harris:

River Gas Corporation has proposed to drill a well in the NE/4 of Section 10, Township 16 South, Range 8 East, known as the Utah 10-415 well. The proposed location is within ½ mile of a golden eagle nest located in the SE/4 of Section 3, Township 16 South, Range 8 East (Nest 89). Our review of the proposal reveals that the surveyed located of the proposed wellhead is actually outside of the ½ mile buffer zone but a small portion of the well pad will extend into the ½ mile radius circle. The nest was identified as inactive during the 1999 survey conducted by the Division of Wildlife Resources but was tended in 1998.

The proposed well is over ½ mile from another golden eagle nest (Nest 90) located at SE/4 of Section 3, Township 16 South, Range 8 East. This nest has not been active for at least the last three years.

UDWR visited the proposed well location on July 20, 1999, and supported the proposed well location. We propose approving the well to be drilled with the attached stipulations, including post-drilling monitoring to ensure continued stability of the raptor population. We believe this decision would conform with the Price Coalbed Methane Project EIS and ROD, and the USFWS Utah Field Office Guidelines for Raptor Protection from Human and Land Use Disturbances.

Reed E. Harris September 28, 1999 Page Two

If you believe we should consider other factors, please let us know by October 5, 1999; we intend to issue the permit promptly after that date. My direct number is 801-538-5150. Thank you for your assistance on this matter.

Sincerely,

James D. Cooper Assistant Director

cc: David T. Terry
Chris Colt, DWR
Brad Hill, DOGM
Randy Allen, RGC



Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

October 12, 1999

River Gas Corporation 1305 South 100 East Price, Utah 84501

Re:

Utah 10-415 Well, 1090' FNL, 557' FEL, NE NE, Sec. 10, T. 16 S., R. 8 E., Emery

County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30391.

Sincerely,

John R. Baza

Associate Director

lwp

**Enclosures** 

cc:

**Emery County Assessor** 

Bureau of Land Management, Moab District Office

**SITLA** 

Operator: _		River Ga	s Corr	<u>oration</u>					
Well Name	& Number: _	Utah 10-4	415						
API Numbe	r:	43-015-3	0391						
Lease:	State	<u></u>	Surfac	e Own	er:	State			
Location:	NE NE	5	Sec.	10	Т.	16 S.	R.	8 E.	

### **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

### 2. Notification Requirements

Notify the Division of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

Division contacts (please leave a voice mail message if person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Robert Krueger at (801) 538-5274 (plugging)
- Carol Daniels at (801) 538-5284 (spud)

### 3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Surface and conductor casings shall be cemented to surface.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).
- 6. School and Institutional Trust Lands Administration-Oil and Gas Conditions of Approval. (attached)

10/29/99

STATE OF UTAH DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM . FORM #

OPERATOR_	River Gas Corporation				
ADDRESS	1305 South 100 East				
	Price_UT 84501				

OPERATOR ACCT.	NO	N	16	05
A: -:4::A:::100::			_	

ACTION	CURRENT	NEW	API NUMBER	WELL NAME		WELL LOCATION			SPUD DATE	EFFECTIVE	
CODE	ENTITY NO.				90	SC	TP	RG	COUNTY		DATE
Ħ	99999	12632		Utah 10-415	NE/NE	10	168	8E	Emery	10/22/99	
WELL 1 C	OMMENTS:	991029	entity ad	ded, KDR					00115		
									CONF	IDENTIA	\L
) в	99999	11256	43-007-30529	USA 14-74	NW/SE	14	145	9E	Carbon	10/11/99	
WELL 2 C	COMMENTS:	991029	entity add	ed; (Drunkards wash n/	"Fur A-	e")k	DR				
		_					_		CONFI	DENTIAL	•
В	99999	11256	43-007-3056B	USA 13-91	NW/SW	13	148	9E	Carbon	10/28/99	
-WELL 3 C	OMMENTS:	991029	entity add	ed; (Dhuneards wash my	Fer A-(-")	KDR					
			·						CONFI	DENTIA	
<u> </u>									001111	<u> </u>	
WELL 4.0	OMMENTS:	<u> </u>									
Think 4											
WELL 5 C	COMMENTS:				•						
	ODEC 40 4-	estructions on	had of fami							·	

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-essign well from one existing entity to another existing entity
- D Re-easign well from one existing entity to a new entity
- E Other (explain in commente section)

NOTE: Use COMMENT section to expinin why each Action Code was selected.

Frankie Hathaway	Oranki	Hatrawan
Signature		

10/29/99 Administrative Assistant Title

Date

Phone No. <u>(435)637-887</u>6

Footages:

11.

QQ, Sec., T., R., M.: NE/4, NE/4, SEC.10, T16S, R08E, SLB&M

### STATE OF UTAH

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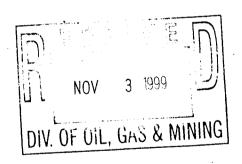
DIVISION OF OIL, GAS AND MINING					
•	5. Lease Designation and Serial Number:				
SUNDRY NOTICES AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name: N/A				
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	7. Unit Agreement Name: Drunkards Wash UTU-67921X				
1. Type of Well: OIL GAS Ø OTHER:	8. Well Name and Number: Utah 10-415				
2. Name of Operator: River Gas Corporation	9. API Well Number: 43-015-30391				
3. Address and Telephone Number:  1305 South 100 East, Price, UT 84501 (435)637-8876	10. Field or Pool, or Wildcat: Drunkards Wash				
4. Location of Well Footages: 1090' FNL, 557' FEL	County Emery				

CHECK APPROPRIATE BOXES TO INDICATE NA	TURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT	

NOTICE OF INTENT (Submit in Duplicate)				SUBSEQUENT REPORT (Submit Original Form Only)			
	Abandon		New Construction		Abandon *		New Construction
	Repair Casing		Pull or Alter Casing		Repair Casing		Pull or Alter Casing
	Change of Plans		Recomplete		Change of Plans		Reperforate
	Convert to Injection		Reperforate		Convert to Injection		Vent or Flare
	Fracture Treat or Acidize		Vent or Flare		Fracture Treat or Acidize		Water Shut-Off
	Multiple Completion		Water Shut-Off	K	Other Weekly Report		
	Other			_			
Approximate date work will start				Date of work completion			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attached



**UTAH** 

13.		
Name & Signature: Frankie Hathaway Wankie Hathawa	Title: Administrative Assistant Date: 10/29/9	)9
		F

(This space for state use only)

### DAILY WELL REPORT

River Gas corporation Utah 10-415 NE/4 NE/4 Sec. 10, T16S, R8E 1090' FNL, 557' FEL EMERY COUNTY, UTAH API#43-015-30391 SURVEYED ELEVATION: 7180'

DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 1

### DRILLING:

Day 1. 10/23/99. Current Depth: 445'. Drilled in 24 hrs: 445'. Present Operations: WOC. Total Rotating hrs: 4.5. 2:00 pm-3:00 pm Finish moving, work on rig. 3:00 pm-4:00 pm Set up, service rig. Spud at 4:00 pm on 10/22/99. 4:00 pm-6:00 pm Drill conductor. 6:00 pm-8:00 pm Wait on pipe. 8:00 pm-12:00 am Set 63' 12-3/4 PE conductor pipe. 12:00 am-3:00 am NU, Drill 11" hole to 445'. 3:00 am-4:00 am TOOH, set 433.4' 8-7/8" 24# J-5 surface pipe. 4:00 am-5:00 am Wait on cementers. 5:00 am-5;50 am RU Dowell. 5:50 am-6:30 am Run cement job. 6:30 am-7:00 am RD Dowell.

Day 2. 10/24/99. Current Depth: 620'. Drilled in 24 hrs: 175'. Present Operations: Drilling 7-7/8" hole. Total Rotating hrs: 5.5. 7:00 am-11:30 am WOC. 11:30 am-12:00 pm Break loose, cement not set, fell about 20', Dowell's mistake, mixed 50/50 POZ w/ class G cement, will take longer to set. 12:00 pm-7:00 pm Set WOC. 7:00 pm-8:00 pm RU Dowell, top fill W/ RFL, RD Dowell. 8:00 pm- 12:30 am WOC. 12:30 am-2:00 am Break loose NU Bop. 2:00 am-3:00 am Test BOP. 3:00 am-4:00 am Hook up blow line. 4:00 am-5:00 am Change oer to 7-7/8" hammer. 5:00 am-6:00 am RIH. 6:00 am-7:00 am Drilling 7-7/8" hole, 620' @ 7:00 am.

Day 3. 10/25/99. Current Depth: 2820'. Drilled in 24 hrs: 2200'. Present Operations: Working on Rig. 7:00 am-12:00 pm Drill 620' to 1370'. 12:00 pm-7:00 pm Drill 1370' to 2220'. 7:00 pm-11:00 pm Drill 2220' to 2760'. 11:00 pm-12:00 am Drill 2760' to 2820'. 12:00 am-2:00 am TOOH to bit. 2:00 am-3:00 am Switch bit to Reed HP62A#054536 w/o jets. 3:00 am-6:00 am RIH w. new bit and collars. 6:00 am-7:00 am Shut rig down, rotating head leaking oil.

Day 4. 10/26/99. Current Depth: 3805'. Drilled in 24 hrs: 985'. Present Operations: Drilling w/ 7-7/8" Tricone. Total Rotating hrs: 37.5. 7:00 am-9:00 am Work on rig. (;00 am-10:00 am RIH. 10:00 am-6:00 pm Drill w/ tri-cone, 2960' @ 11:00am, 3200' @ 2:00 pm, 3470' @ 4:00 pm, 3710' @ 6:00 pm. 6;00 pm-7:00 pm Clean hole. 7:00 pm-8:00 pm Pull check v/v, RIH. 8:00 pm-10:00 pm Mix mud, pump mud in hole. 10:00 pm-12:00 am RIH, drill out cuttings. 12:00 am-7:00 am Drill 7-7/8" hole w/ F.W. gel, 3730' @ 1:00 am, 3760' @ 3:00 am, 3765' @ 4:00 am, 3790' @ 6:00 am, 3805' @ 7:00 am.

Day 5. 10/27/99. Current Depth: 3970'. Drilled in 24 hrs: 165'. Present Operations: Drilling w/7-7/8" tri-cone. Total Rotating hrs: 60. 7:00 am - 6:00 pm Drilling w/ mud, 3825' @ 10:00 am, 3855' @ 2:30 pm. 6:00 pm-7:30 pm Mix and pump 4 new tubs of mud. 7:30 pm-7:00 am Drill 7-7/8" hole w/ mud, 3885' @ 8:30 pm, 3910' @ 12:00 am, 3945' @ 4:00 am, 3965' @ 6:00 am, 3970' @ 7:00 am.

### DAILY WELL REPORT

River Gas corporation
Utah 10-415
NE/4 NE/4 Sec. 10, T16S, R8E
1090' FNL, 557' FEL
EMERY COUNTY, UTAH
API#43-015-30391

SURVEYED ELEVATION: 7180'

DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 2

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Day 6. 10/28/99. Current Depth: 4001'. Drilled in 24 hrs: 31'. Present Operations: Shut down wait on fisher. Total Rotating hrs: 71. 7:00 am-2:30 pm Drilling w/mud, 3875' @ 8:00 am, 3985' @ 12:00 pm. 2:30 pm-3:00 pm Work on mud pump. 3:00 pm-6:00 pm Drilling w/mud 4001' @ 6:00 pm. 6:00 pm-7:00 pm Circulate. 7:00 pm-9:00 pm Change out mud, 5 full tubs. 9:00 pm-5:30 AM TOOH, tri-cone, lost all three cones. 5:30 am-7:00 am Wait on Fisher.

Day 7. 10/29/99. Current Depth: 4001'. Present Operations: POOH w/fish tool. Total Rotating hrs: 71. 7:00 am-12:00 pm Move Pense off location. 12:00 pm -3:00 pm RU Ross. 3:00 pm-3:30 pm Wait on loggers. 3:30 pm-4:00 pm RU loggers. 4:00 pm-6:30 pm Log hole, RD loggers. 6:30 pm-7:30 pm RIH w/7"magnet w/ MIH tooth guide, crossover sub, lubricated bumper sub, crossover sub, tbg pup, 1200' tbg. 7:30 pm-9:00 pm Mix two tubs mud. 9:00 pm-11:00 pm RIH. 11:00 pm-12:00 am Pull up 10 strands. 12:00 am-3:00 am Wait on cross over flange. 3:00 am-3:30 am Hook up flange. 3:30 am-5:00 am RIH, total 129 jts, 3999.48' 2-7/8" tbg and total 18.78; bottom hole assembly, circulate work tool. 5:00 am-5:40 am Disconnect swivel head. 5:40 am-6:40 am POOH. 6:40 am-7:00 am Clean magnet successful, run approx 1.5-2 cones worth of pieces, 2 big chunks, lots of small pieces.

# STATE OF UTAH



Date: 11/5//99

	DIVISION OF OIL, GAS AND	MINING	<u> </u>		
•	5. Lease De	5. Lease Designation and Serial Number:			
		ML-48189			
SUNDRY NO	ON WELLS	6. If Indian, Allottee or Tribe Name: N/A			
Do not use this form for proposals to Use APPLICATION	er plugged and abandoned wells.	7. Unit Agreement Name: Drunkards Wash			
1. Type of Well: OIL □ GAS 🏻		8. Well Name and Number: Utah 10-415			
2. Name of Operator: River Gas Corporation			Number: -30391		
Address and Telephone Number:     1205 9	Drunks	Pool, or Wildcat: ards Wash			
4. Location of Well Footages: 1090' FNL, 55	South 100 East, Price, UT 84501 57' FEL		mery		
•	SEC.10, T16S, R08E, SLB&M		County: Emery State: UTAH		
		NATURE OF NOTICE, REPORT,			
	CE OF INTENT		ENT REPORT		
(Subm	mit in Duplicate)	•	ginal Form Only)		
☐ Abandon	New Construction	☐ Abandon *	□ New Construction		
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing		
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate		
☐ Convert to Injection☐ Fracture Treat or Acidize	☐ Reperforate	☐ Convert to Injection	☐ Vent or Flare		
☐ Multiple Completion	☐ Vent or Flare ☐ Water Shut-Off	☐ Fracture Treat or Acidize  K☐ Other Weekly Report	☐ Water Shut-Off		
☐ Other	U Water Shut-On	Ki Other Weekly Report			
		Date of work completion			
Approximate date work will start		Report results of Multiple Completions ar COMPLETION OR RECOMPLETION REPORT	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.		
12. DESCRIBE PROPOSED OR COMPLETED	D OPERATIONS (Clearly state all pertinent details	and give pertinent dates. If well is directionally drilled, give	ve subsurface locations and measured and true		
vertical depths for all markers and zones pertin	nent to this work.)				
See Attached					
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		1	O C O MAINING		
		l DIV.	OF UIL, GAS & MINING		
13.					
		,			
Name & Signature Frankie Hathaway	y Chiropin Ha	Administrative	Assistant Date: 11/5//99		

(This space for state use only)

### DAILY WELL REPORT

River Gas corporation Utah 10-415 NE/4 NE/4 Sec. 10, T16S, R8E 1090' FNL, 557' FEL EMERY COUNTY, UTAH API#43-015-30391

SURVEYED ELEVATION: 7180'

DRILLING CONTRACTOR: Pense Bros. Rig#2

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Day 5. 10/27/99. Current Depth: 3970'. Drilled in 24 hrs: 165'. Present Operations: Drilling w/7-7/8" tri-cone. Total Rotating hrs: 60. 7:00 am - 6:00 pm Drilling w/ mud, 3825' @ 10:00 am, 3855' @ 2:30 pm. 6:00 pm-7:30 pm Mix and pump 4 new tubs of mud. 7:30 pm-7:00 am Drill 7-7/8" hole w/ mud, 3885' @ 8:30 pm, 3910' @ 12:00 am, 3945' @ 4:00 am, 3965' @ 6:00 am, 3970' @ 7:00 am.

### DAILY WELL REPORT

River Gas corporation Utah 10-415 NE/4 NE/4 Sec. 10, T16S, R8E 1090' FNL, 557' FEL EMERY COUNTY, UTAH API#43-015-30391

SURVEYED ELEVATION: 7180'

DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 2

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Day 6. 10/28/99. Current Depth: 4001'. Drilled in 24 hrs: 31'. Present Operations: Shut down wait on fisher. Total Rotating hrs: 71. 7:00 am-2:30 pm Drilling w/mud, 3875' @ 8:00 am, 3985' @ 12:00 pm. 2:30 pm-3:00 pm Work on mud pump. 3:00 pm-6:00 pm Drilling w/mud 4001' @ 6:00 pm. 6:00 pm-7:00 pm Circulate. 7:00 pm-9:00 pm Change out mud, 5 full tubs. 9:00 pm-5:30 AM TOOH, tri-cone, lost all three cones. 5:30 am-7:00 am Wait on Fisher.

Day 7. 10/29/99. Current Depth: 4001'. Present Operations: POOH w/fish tool. Total Rotating hrs: 71. 7:00 am-12:00 pm Move Pense off location. 12:00 pm -3:00 pm RU Ross. 3:00 pm-3:30 pm Wait on loggers. 3:30 pm-4:00 pm RU loggers. 4:00 pm-6:30 pm Log hole, RD loggers. 6:30 pm-7:30 pm RIH w/7"magnet w/ MIH tooth guide, crossover sub, lubricated bumper sub, crossover sub, tbg pup, 1200' tbg. 7:30 pm-9:00 pm Mix two tubs mud. 9:00 pm-11:00 pm RIH. 11:00 pm-12:00 am Pull up 10 strands. 12:00 am-3:00 am Wait on cross over flange. 3:00 am-3:30 am Hook up flange. 3:30 am-5:00 am RIH, total 129 jts, 3999.48' 2-7/8" tbg and total 18.78; bottom hole assembly, circulate work tool. 5:00 am-5:40 am Disconnect swivel head. 5:40 am-6:40 am POOH. 6:40 am-7:00 am Clean magnet successful, run approx 1.5-2 cones worth of pieces, 2 big chunks, lots of small pieces.

Day 8. 10/30/99. Current Depth: 4001'. Present Operations: Rig down, wait for parts. Total Rotating hrs: 71. 7:00 am-10:30 am RIH w/7" magnet w/ mill tooth guide, crossover sub, lub. Bumper sub, crossover sub, tbg pup, 129 jts tbg. 10:30 am-11:00 am Circulate, work magnet. 11:00 am-12:00 pm POOH. 12:00 pm-12:10 pm Clean magnet, small pieces and bearings. 12:10 pm-2:00 pm RIH. 2:00 pm-2:30 pm Circulate work magnet. 2:30 pm-4:00 pm POOH. 4:00 pm-4:10 pm Clean magnet, small pieces. 4:10 pm-8:30 pm RIH w/7 ¾" mill, 6 4 ¾" 50#/ft collars-200.71' bH assembly 123 jts 2 7/8"tbg = 3817.42'. 8:30 pm-8:45 pm Mill 6". 8:45 pm-9:00 pm Replace flowline on pump. 9:00 pm-9:25 pm Milling. 9:25 pm-9:35 pm Replace Kelly hose. 9:35 pm-11;00 pm Milling, mill made total of 4'. 11:00 pm-11:30 pm Circulate. 11:30 pm-1:30 am POOH, 38 stands. 1:30 am-7:00 am Wait for part to repair rig throttle.

Day 9. 10/31/99. Current Depth: 4001'. Present Operations: Moving Pense on location. 7:00 am-10:30 am Wait on Part to repair rig. 10:30 am-11:00 am Repair rig. 11:00 am-4:30 pm POOH, lay down collars, lay down mill, mill in good shape, no evidence of anything damaging on bottom. 4:30 pm-5:30 pm RD, move off location. 5:30 pm-6:30 pm Move Pense close. SDFN.

Day 10. 11/1/99. Drilled in 24 hrs: 14'. Present Operations: RIH w/7 7/8"F35. Total Rotating hrs: 75. 7:00 am-1:00 pm Move equipment, RU, service equipment. 1:00 pm-2:30 pm RIH w/mill tooth bit and drill collars, NU @ 1:30 pm.

River Gas corporation Utah 10-415 NE/4 NE/4 Sec. 10, T16S, R8E 1090' FNL, 557' FEL EMERY COUNTY, UTAH API#43-015-30391

SURVEYED ELEVATION: 7180'

DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 3

#### **DRILLING:**

Day 10 cont'd.: 2:30 pm-3:30 pm RIH w/drill pipe. 3:30 pm-5:30 pm Start mixing mud @ 1465', RIH to 3285'. 5:30 pm-7:00 pm Load 25 more jts drill pipe on trailer, 3975' @ 7:00 pm. 7:00 pm-9:00 pm Reaming out 7 7/8" hole @ 4000'. 9:00 pm-10:00 pm Drill w/mud, 4007' @ 9:00 pm, 4015' @ 10:00 pm. 10:00 pm-10:30 pm Circulate. 10:30 pm-2:00 am POOH, lay down collars. 2:00 am-3:00 am Take off mill tooth, teeth worn down. 3:00 am-4:00 am Put on new 7 7/8" Smith F35 tri-cone. 4:00 am-7:00 am RIH.

Day 11. 11/2/99. Current Depth: 4290'. Drilled in 24 hrs: 275'. Present Operations: Drilling @ 4290'. Total Rotating hrs: 96. 7:00 am-7:30 am finish TIH. 7:30 am-8:30 am Mix 1 new tub mud f/sweep, circulate down slow last 60'. 8:30 am-12:00 pm Drill 400'-4080'. 12:00 pm-2:45 pm Drill 4080'-4120'. 2:45 pm-4:15 pm Mix and pump 4 tubs mud. 4:15 pm-7:00 pm Drill 4120'-4155'. 7:00 pm-10:30 pm Drill 4155'-4195'. 10:30 pm-12:00 am Drill 4215'-4240'. 2:00 am 5:00 am Drill 4240'-4270'. 5:00 am-7:00 am Drill 4270'-4290'.

Day 12. 11/3/99. Current Depth: 4398'. Drilled in 24 hrs: 108'. Total Rotating hrs: 107.5. 7:00 am-9:00 am Drill 4290'-4305'. 9:00 am-10:00 am Mix and pump4 tubs mud (pump old mud to pit). 10:00 am-12:00 pm Drill 4305'-4315'. 12:00 pm-5:00 pm Drill 4315'-4365'. 5:00 pm-5:45 pm Repair hyd line. 5:45 pm-7:00 pm Drill 4365'-4380'. 7:00 pm-9:00 pm Drill 4380'-4398' TD @ 9:00 pm on 11/2/99. 9:00 pm-11:00 pm Mix and pump 6 tubs fresh mud. 11:00 pm-12:30 am Circulate on bottom. 12:30 am-2:00 am make short trip. 2:00 am 4:30 Circulate on bottom. 4:30 am-7:00 am TOOH.

Day 13. 11/4/99. Current Depth: 4398'. Present Operations: Prep to run casing. Total Rotating hrs: 107.5. 7:00 am-11:30 am TOOH. 11:30 am-12:30 pm R/up loggers. 12:30 pm-3:30 pm Log well. 3:30 pm-5:00 pm Rig down and move. 5:00 pm-12:00 am Wait on crane truck f/sidewall coring. 12:00 am-4:00 am Core wall. 4:00 am-7:00 am No activity.

Day 14. 11/5/99. Current Depth: 4398'. Present Operations: WOC. 12:00 pm-6:00 pm RU and prep to run csg, spot catwalk and piperacks, unload csg and remove thread protectors, tally 15 jts and PU so rest of csg would fit on racks, tally top row, PU 40 jts 5 ½ 17# N-80 csg, tally bottom row, PU 46 jts 5 ½ 17# csg. 6:00 pm - 8:00 pm Wait on Dowell. 8:00 pm-10:30 pm Run cement job. Bump plug @ 10:30 pm. 10:30 pm-11:00 pm RD Dowell (loaded 52 bbl H2O in csg while running).



D	IVISION OF OIL, GAS AND MI	NING	E. Laura Davina stick and Codel Number		
	5. Lease Designation and Serial Number: ML-48189				
SUNDRY NO	6. If Indian, Allottee or Tribe Name: N/A				
	drill new wells, deepen existing wells, or to reenter p		7. Unit Agreement Name: Drunkards Wash UTU-67921X		
1. Type of Well: OIL □ GAS ☑ (	<del>* / '''                                </del>	п роровав.	8. Well Name and Number: Utah 10-415		
2. Name of Operator:	Gas Corporation		9. API Well Number: 43-007-30391		
3. Address and Telephone Number:	outh 100 East, Price, UT 84501 (4	135)637-8876	10. Field or Pool, or Wildcat: Drunkards Wash		
4. Location of Well Footages: 1090' FNL, 55'		133)037-0070	county: Carbon Emery		
QQ, Sec., T., R., M.: NE/4, NE/4 Sec	c. 10, T16S, R8E, SLB&M		State: UTAH		
	RIATE BOXES TO INDICATE N	IATURE OF NOTICE, I			
	OF INTENT		SUBSEQUENT REPORT (Submit Original Form Only)		
□ Abandon	□ New Construction	☐ Abandon *	New Construction		
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing	□ Pull or Alter Casing		
☐ Change of Plans	☐ Recomplete	XI Change of Plans	☐ Reperforate		
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	•		
☐ Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or A	cidize   Water Shut-Off		
☐ Multiple Completion	☐ Water Shut-Off	☐ Other Weekly Re	port		
□ Other		Date of work completion	1		
Approximate date work will start		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.			
12. DESCRIBE PROPOSED OR COMPLETED ( vertical depths for all markers and zones pertine)	DPERATIONS (Clearly state all pertinent details, an	d give pertinent dates. If well is direction	onally drilled, give subsurface locations and measured and true		
See Attached	,	•			
See Madrid					
			•		
			•		
			•		
			·		
13.					
19.					
Frankia Hathaway	Hroopin Hotho	a.a. Adm	inistrative Assistant 12/21/99		

(This space for state use only)

**RECEIVED** 

DEC 2 7 1999

River Gas corporation Utah 10-415 NE/4 NE/4 Sec. 10, T16S, R8E 1090' FNL, 557' FEL EMERY COUNTY, UTAH API#43-015-30391 SURVEYED ELEVATION: 7180'

DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 1

#### **DRILLING**:

Day 1. 10/23/99. Current Depth: 445'. Drilled in 24 hrs: 445'. Present Operations: WOC. Total Rotating hrs: 4.5. 2:00 pm-3:00 pm Finish moving, work on rig. 3:00 pm-4:00 pm Set up, service rig. Spud at 4:00 pm on 10/22/99. 4:00 pm-6:00 pm Drill conductor. 6:00 pm-8:00 pm Wait on pipe. 8:00 pm-12:00 am Set 63' 12-3/4 PE conductor pipe. 12:00 am-3:00 am NU, Drill 11" hole to 445'. 3:00 am-4:00 am TOOH, set 433.4' 8-7/8" 24# J-5 surface pipe. 4:00 am-5:00 am Wait on cementers. 5:00 am-5;50 am RU Dowell. 5:50 am-6:30 am Run cement job. 6:30 am-7:00 am RD Dowell.

Day 2. 10/24/99. Current Depth: 620'. Drilled in 24 hrs: 175'. Present Operations: Drilling 7-7/8" hole. Total Rotating hrs: 5.5. 7:00 am-11:30 am WOC. 11:30 am-12:00 pm Break loose, cement not set, fell about 20', Dowell's mistake, mixed 50/50 POZ w/ class G cement, will take longer to set. 12:00 pm-7:00 pm Set WOC. 7:00 pm-8:00 pm RU Dowell, top fill W/ RFL, RD Dowell. 8:00 pm- 12:30 am WOC. 12:30 am-2:00 am Break loose NU Bop. 2:00 am-3:00 am Test BOP. 3:00 am-4:00 am Hook up blow line. 4:00 am-5:00 am Change oer to 7-7/8" hammer. 5:00 am-6:00 am RIH. 6:00 am-7:00 am Drilling 7-7/8" hole, 620' @ 7:00 am.

Day 3. 10/25/99. Current Depth: 2820'. Drilled in 24 hrs: 2200'. Present Operations: Working on Rig. 7:00 am-12:00 pm Drill 620' to 1370'. 12:00 pm-7:00 pm Drill 1370' to 2220'. 7:00 pm-11:00 pm Drill 2220' to 2760'. 11:00 pm-12:00 am Drill 2760' to 2820'. 12:00 am-2:00 am TOOH to bit. 2:00 am-3:00 am Switch bit to Reed HP62A#054536 w/o jets. 3:00 am-6:00 am RIH w. new bit and collars. 6:00 am-7:00 am Shut rig down, rotating head leaking oil.

Day 4. 10/26/99. Current Depth: 3805'. Drilled in 24 hrs: 985'. Present Operations: Drilling w/7-7/8" Tricone. Total Rotating hrs: 37.5. 7:00 am-9:00 am Work on rig. (;00 am-10:00 am RIH. 10:00 am-6:00 pm Drill w/ tri-cone, 2960' @ 11:00am, 3200' @ 2:00 pm, 3470' @ 4:00 pm, 3710' @ 6:00 pm. 6;00 pm-7:00 pm Clean hole. 7:00 pm-8:00 pm Pull check v/v, RIH. 8:00 pm-10:00 pm Mix mud, pump mud in hole. 10:00 pm-12:00 am RIH, drill out cuttings. 12:00 am-7:00 am Drill 7-7/8" hole w/ F.W. gel, 3730' @ 1:00 am, 3760' @ 3:00 am, 3765' @ 4:00 am, 3790' @ 6:00 am, 3805' @ 7:00 am. \$56,545.98.

Day 5. 10/27/99. Current Depth: 3970'. Drilled in 24 hrs: 165'. Present Operations: Drilling w/7-7/8" tri-cone. Total Rotating hrs: 60. 7:00 am - 6:00 pm Drilling w/ mud, 3825' @ 10:00 am, 3855' @ 2:30 pm. 6:00 pm-7:30 pm Mix and pump 4 new tubs of mud. 7:30 pm-7:00 am Drill 7-7/8" hole w/ mud, 3885' @ 8:30 pm, 3910' @ 12:00 am, 3945' @ 4:00 am, 3965' @ 6:00 am, 3970' @ 7:00 am.

River Gas corporation
Utah 10-415
NE/4 NE/4 Sec. 10, T16S, R8E
1090' FNL, 557' FEL
EMERY COUNTY, UTAH
API#43-015-30391
SURVEYED ELEVATION: 7180'

DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 2

#### **DRILLING**:

Day 6. 10/28/99. Current Depth: 4001'. Drilled in 24 hrs: 31'. Present Operations: Shut down wait on fisher. Total Rotating hrs: 71. 7:00 am-2:30 pm Drilling w/mud, 3875' @ 8:00 am, 3985' @ 12:00 pm. 2:30 pm-3:00 pm Work on mud pump. 3:00 pm-6:00 pm Drilling w/mud 4001' @ 6:00 pm. 6:00 pm-7:00 pm Circulate. 7:00 pm-9:00 pm Change out mud, 5 full tubs. 9:00 pm-5:30 AM TOOH, tri-cone, lost all three cones. 5:30 am-7:00 am Wait on Fisher.

Day 7. 10/29/99. Current Depth: 4001'. Present Operations: POOH w/fish tool. Total Rotating hrs: 71. 7:00 am-12:00 pm Move Pense off location. 12:00 pm -3:00 pm RU Ross. 3:00 pm-3:30 pm Wait on loggers. 3:30 pm-4:00 pm RU loggers. 4:00 pm-6:30 pm Log hole, RD loggers. 6:30 pm-7:30 pm RIH w/7"magnet w/ MIH tooth guide, crossover sub, lubricated bumper sub, crossover sub, tbg pup, 1200' tbg. 7:30 pm-9:00 pm Mix two tubs mud. 9:00 pm-11:00 pm RIH. 11:00 pm-12:00 am Pull up 10 strands. 12:00 am-3:00 am Wait on cross over flange. 3:00 am-3:30 am Hook up flange. 3:30 am-5:00 am RIH, total 129 jts, 3999.48' 2-7/8" tbg and total 18.78; bottom hole assembly, circulate work tool. 5:00 am-5:40 am Disconnect swivel head. 5:40 am-6:40 am POOH. 6:40 am-7:00 am Clean magnet successful, run approx 1.5-2 cones worth of pieces, 2 big chunks, lots of small pieces.

Day 8. 10/30/99. Current Depth: 4001'. Present Operations: Rig down, wait for parts. Total Rotating hrs: 71. 7:00 am-10:30 am RIH w/7" magnet w/ mill tooth guide, crossover sub, lub. Bumper sub, crossover sub, tbg pup, 129 jts tbg. 10:30 am-11:00 am Circulate, work magnet. 11:00 am-12:00 pm POOH. 12:00 pm-12:10 pm Clean magnet, small pieces and bearings. 12:10 pm-2:00 pm RIH. 2:00 pm-2:30 pm Circulate work magnet. 2:30 pm-4:00 pm POOH. 4:00 pm-4:10 pm Clean magnet, small pieces. 4:10 pm-8:30 pm RIH w/7 ¾" mill, 6 4 ¾" 50#/ft collars-200.71' bH assembly 123 jts 2 7/8"tbg = 3817.42'. 8:30 pm-8:45 pm Mill 6". 8:45 pm-9:00 pm Replace flowline on pump. 9:00 pm-9:25 pm Milling. 9:25 pm-9:35 pm Replace Kelly hose. 9:35 pm-11;00 pm Milling, mill made total of 4'. 11:00 pm-11:30 pm Circulate. 11:30 pm-1:30 am POOH, 38 stands. 1:30 am-7:00 am Wait for part to repair rig throttle.

Day 9. 10/31/99. Current Depth: 4001'. Present Operations: Moving Pense on location. 7:00 am-10:30 am Wait on Part to repair rig. 10:30 am-11:00 am Repair rig. 11:00 am-4:30 pm POOH, lay down collars, lay down mill, mill in good shape, no evidence of anything damaging on bottom. 4:30 pm-5:30 pm RD, move off location. 5:30 pm-6:30 pm Move Pense close. SDFN.

Day 10. 11/1/99. Drilled in 24 hrs: 14'. Present Operations: RIH w/7 7/8"F35. Total Rotating hrs: 75. 7:00 am-1:00 pm Move equipment, RU, service equipment. 1:00 pm-2:30 pm RIH w/mill tooth bit and drill collars, NU @ 1:30 pm.

River Gas corporation Utah 10-415 NE/4 NE/4 Sec. 10, T16S, R8E 1090' FNL, 557' FEL EMERY COUNTY, UTAH API#43-015-30391 SURVEYED ELEVATION: 7180'

DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 3

#### **DRILLING:**

Day 10 cont'd.: 2:30 pm-3:30 pm RIH w/drill pipe. 3:30 pm-5:30 pm Start mixing mud @ 1465', RIH to 3285'. 5:30 pm-7:00 pm Load 25 more jts drill pipe on trailer, 3975' @ 7:00 pm. 7:00 pm-9:00 pm Reaming out 7 7/8" hole @ 4000'. 9:00 pm-10:00 pm Drill w/mud, 4007' @ 9:00 pm, 4015' @ 10:00 pm. 10:00 pm-10:30 pm Circulate. 10:30 pm-2:00 am POOH, lay down collars. 2:00 am-3:00 am Take off mill tooth, teeth worn down. 3:00 am-4:00 am Put on new 7 7/8" Smith F35 tri-cone. 4:00 am-7:00 am RIH.

Day 11. 11/2/99. Current Depth: 4290'. Drilled in 24 hrs: 275'. Present Operations: Drilling @ 4290'. Total Rotating hrs: 96. 7:00 am-7:30 am finish TIH. 7:30 am-8:30 am Mix 1 new tub mud f/sweep, circulate down slow last 60'. 8:30 am-12:00 pm Drill 400'-4080'. 12:00 pm-2:45 pm Drill 4080'-4120'. 2:45 pm-4:15 pm Mix and pump 4 tubs mud. 4:15 pm-7:00 pm Drill 4120'-4155'. 7:00 pm-10:30 pm Drill 4155'-4195'. 10:30 pm-12:00 am Drill 4215'-4240'. 2:00 am 5:00 am Drill 4240'-4270'. 5:00 am-7:00 am Drill 4270'-4290'.

Day 12. 11/3/99. Current Depth: 4398'. Drilled in 24 hrs: 108'. Total Rotating hrs: 107.5. 7:00 am-9:00 am Drill 4290'-4305'. 9:00 am-10:00 am Mix and pump4 tubs mud (pump old mud to pit). 10:00 am-12:00 pm Drill 4305'-4315'. 12:00 pm-5:00 pm Drill 4315'-4365'. 5:00 pm-5:45 pm Repair hyd line. 5:45 pm-7:00 pm Drill 4365'-4380'. 7:00 pm-9:00 pm Drill 4380'-4398' TD @ 9:00 pm on 11/2/99. 9:00 pm-11:00 pm Mix and pump 6 tubs fresh mud. 11:00 pm-12:30 am Circulate on bottom. 12:30 am-2:00 am make short trip. 2:00 am 4:30 Circulate on bottom. 4:30 am-7:00 am TOOH.

Day 13. 11/4/99. Current Depth: 4398'. Present Operations: Prep to run casing. Total Rotating hrs: 107.5. 7:00 am-11:30 am TOOH. 11:30 am-12:30 pm R/up loggers. 12:30 pm-3:30 pm Log well. 3:30 pm-5:00 pm Rig down and move. 5:00 pm-12:00 am Wait on crane truck f/sidewall coring. 12:00 am-4:00 am Core wall. 4:00 am-7:00 am No activity.

Day 14. 11/5/99. Current Depth: 4398'. Present Operations: WOC. 12:00 pm-6:00 pm RU and prep to run csg, spot catwalk and piperacks, unload csg and remove thread protectors, tally 15 jts and PU so rest of csg would fit on racks, tally top row, PU 40 jts 5 ½ 17# N-80 csg, tally bottom row, PU 46 jts 5 ½ 17# csg. 6:00 pm - 8:00 pm Wait on Dowell. 8:00 pm-10:30 pm Run cement job. Bump plug @ 10:30 pm. 10:30 pm-11:00 pm RD Dowell (loaded 52 bbl H2O in csg while running).

FORM 9

STATE OF UTAH

DIV	ISION OF OIL, GAS AND MINII	NG	5 Lease Designation and Serial Number:			
	ML-48189 6. If Indian, Allottee or Tribe Name:					
SUNDRY NOT	SUNDRY NOTICES AND REPORTS ON WELLS					
Do not use this form for proposals to dri	Il new wells, deepen existing wells, or to reenter plug	ged and abandoned wells.	N/A 7. Unit regreement Name:			
Use APPLICATION F	OR PERMIT TO DRILL OR DEEPEN form for such pr	oposals.	Drunkards Wash UTU-67921X  8. Well Name and Number:			
1. Type of Well: OIL ☐ GAS ☒ O	THER:		Utah 10-415			
2. Name of Operator:	as Companion		9. API Well Number: 43-007-30391			
3. Address and Telephone	as Corporation		10. Field or Pool, or Wildcat:			
Number: 6825 S. 5300	W. P.O. Box 851 Price, Utah 8450	01 (435) 613-9777	Drunkards Wash			
4. Location of Well Footages: 1090' FNL, 54	57' FEL		County: Carbon County			
QQ, Sec., T., R., M.: NE/NE SEC.	10, T16S, R08E, SLB & M		State: Utah			
11. CHECK APPROPR	ATE BOXES TO INDICATE NA	TURE OF NOTICE, R	EPORT, OR OTHER DATA			
	OF INTENT n Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)			
☐ Abandon	☐ New Construction	☐ Abandon *	□ New Construction			
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing	□ Pull or Alter Casing			
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate			
☐ Convert to Injection	□ Reperforate	☐ Convert to Injection	□ Vent or Flare			
☐ Fracture Treat or Acidize	<ul><li>□ Vent or Flare</li><li>□ Water Shut-Off</li></ul>	☐ Fracture Treat or Ac	idize			
<ul><li>☐ Multiple Completion</li><li>☐ Other</li></ul>	Shut Shut	III Notice				
		Date of work completion	<del></del> -			
Approximate date work will start		Report results of Multiple ( COMPLETION OR RECOMPLET	Completions and Recompletions to different reservoirs on WELL TION REPORT AND LOG form.			
This well has been drilled least one year. Attached i	and cased. Due to a lack of infastrs a copy of the casing program and	a cement bond log.	RECEIVED  MAY 1 1 2000			
			DIVISION OF			
		0	DIL, GAS AND MINING			
13.						
Name & Signature: Frankie Hathaway	Asankie Hath	awau Title: Admir	nistrative Assistant Date: 5/9/2000			
Halle a orginado. 1 resistro 1 seniares		6	<i>.</i>			
(This space for state use only)  Appro	oval denied, see 124	er dated 5/1	nistrative Assistant Date: 5/9/2000  19/2000 - John R. Baza			

		STATE OF UTAH		ہسے ریا	<b>~</b>	
	DIVISION O	F OIL, GAS AND MII	NING ·		5. Lease Designation and Serial ML-48189	Number:
APPL	ICATION FOR PER	RMIT TO DRILL (	OR DEEPEN		6. If Indian, Allottee or Tribe Nam N/A	ne:
1A. Type of Work:	DRILL 🛛	DEEPEN			7. Unit Agreement Name: N/A	
B. Type of Weil: OIL	GAS OTHER:	SINGLE ZONE	EX MULTIPLE ZONE		8. Farm or Lease Name: Utah	
2. Name of Operator:	River Gas Corporation	1			9. Well Number: 10-415	
3. Address and Telephone	Number: 1305 South 100	D East, Price, UT 84	4501 (435)637-88	376	10. Field or Pool, or Wildcat: Wildcat	
At Surface: 109     At Proposed Produci	0' FNL, 557' FEL				11. Qtr/Qtr, Section, Township, I NE/4, NE/4 Section R08E, SLB&M	
	rection from nearest town or post office uthwest of Price, UT	9:		·	12. County: Emery	13. State: UTAH
15. Distance to nearest property or lease line (fe	et): 557°		umber of acres assigned to this w 60 acres	ell:		
18. Distance to nearest well completed, or applied for		Rotary or cable tools:				
21. Elevations (show wheth 7180' GR	er DF, RT, GR, etc.):				22. Approximate date work will st September 1999	
23.	PROF	POSED CASING AND	CEMENTING PRO	OGR	AM	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF	CEMENT
14"	12-3/4"	Conductor	25'			
11"	J-55 8 5/8"	24#/ft	480'	21	l sks G+2%CaCl+1/4#pe	r sack flocel

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.\*

4800'

# RECEIVED

17#/ft

N-80 5-1/2"

7-7/8"

MAY 1 1 2000

DIVISION OF OIL, GAS AND MINING

## FILE COPY

480 sks 50/50poz8%gel+2%CaCl+10%extender

75 sks "G" thixotropic

CONFIDENTIAL



		,,		<u> </u>	
24.			<b>A A</b>		
Name & Signature: Don S. Hamilton	Don	1	Hamilton	Title: Permit Specialist	<sub>Date:</sub> 6/28/99
(This space for state use only)					
API Number Assigned:				Approval:	



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

May 19, 2000

Mr. Randy Allen River Gas Corporation 511 Energy Center Blvd. Northport, AL 35476

Re: Utah # 10-415 Well, Section 10, T. 16 South, R. 8 East, Emery County, Utah

Dear Randy:

The Division of Oil, Gas and Mining has received a Sundry Notice (Form 9) for the referenced well which provided subsequent notice of shut-in of the well. This letter is to inform you that according to the records of the Division, the well is not yet considered completed. Because completion of a well is a condition of "Shut-in" as defined by the Oil and Gas Conservation General Rules, the Division cannot approve the submitted Sundry Notice, and the well will remain in "Drilling" status in Division records.

The most recent reports for this well from River Gas Corporation were submitted to the Division in December 1999 showing that the well was still being drilled as of November 5, 1999. Please note that Rule R649-3-6, part 2.4 requires that: "The operator shall submit a monthly report for each drilling well on Form 9, Sundry Notices and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month. The report shall be submitted no later than the fifth day of the following calendar month until such a time as the well is completed and the well completion report is filed." Such reports have not been received by the Division for the referenced well, and River Gas Corporation is requested to provide these reports as soon as possible.

If you require further information on this matter or other Division reporting requirements, please contact Don Staley, Information Services Manager for the Division at telephone number (801) 538-5275.

Sincerely,

John R. Baza

Associate Director

cc: Don Staley



## CONFIDENTIAL

#### RIVER GAS CORPORATION

UTAH OPERATIONS 6825 South 5300 West P.O. Box 851 Price, Utah 84501 Bus. (435) 613-9777 FAX (435) 613-9782

May 25, 2000

Mike Hebertson State of Utah Division of Oil, Gas & Mining 1594 W. North Temple P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Monthly Drilling Report - Utah 10-415 well

Dear Mr. Hebertson:

Enclosed please find monthly drilling report sundries dated from November 1999 through April 2000 on the Utah 10-415 well.

Should you have any questions or concerns, please feel free to contact.

Thank You,

Frankie Hathaway Administrative Assistant

Harrie Hathaway

**River Gas Corporation** 

RECEIVED

MAY 2 6 2000

DIVISION OF OIL, GAS AND MINING

	• • • • • • • • • • • • • • • • • • • •		
DIV	ISION OF OIL, GAS AND M	INING	5. Lease Designation and Serial Number:
			ML-48189
CUNDBY NOT	CES AND REPORTS C	NI WELLS	6. If Indian, Allottee or Tribe Name:
SUNDRY NOTI	CES AND REPORTS	NA WELLS	N/A
Do not use this form for proposals to drill	new wells, deepen existing wells, or to reenter	nlunged and shendoned wells	7. Unit Agreement Name:
Use APPLICATION FC	R PERMIT TO DRILL OR DEEPEN form for su	ich proposals.	Drunkards Wash UTU-67921X
1. Type of Well: OIL ☐ GAS ☒ OT	THER:	MERCH	8. Well Name and Number:
		INFILLATIAL	Utah 10-415
2. Name of Operator:	-a Composition	NA INCITION	9. API Well Number:
	as Corporation		43-015-30391 10. Field or Pool, or Wildcat:
3. Address and Telephone Number: 6825 S. 5300 V	V. P.O. Box 851 Price, Utah 8	4501 (435) 613-9777	Drunkards Wash
4. Location of Well			Emory County
Footages: 1090' FNL, 55			County: Emery County
	0, T16S, R08E, SLB & M		State: Utah
11. CHECK APPROPRIA	ATE BOXES TO INDICATE	NATURE OF NOTICE, I	REPORT, OR OTHER DATA
NOTICE (	OF INTENT		SUBSEQUENT REPORT
(Submit in	Duplicate)		(Submit Original Form Only)
☐ Abandon	□ New Construction	☐ Abandon *	□ New Construction
☐ Repair Casing	□ Pull or Alter Casing	☐ Repair Casing	□ Pull or Alter Casing
☐ Change of Plans	□ Recomplete	☐ Change of Plans	□ Reperforate
□ Convert to Injection	☐ Reperforate	☐ Convert to Injection	
☐ Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or A	
☐ Multiple Completion	☐ Water Shut-Off	Other Monthly	Drilling Report
□ Other		Date of work completion	n
Approximate date work will start		Report results of Multiple	e Completions and Recompletions to different reservoirs on WELL ETION REPORT AND LOG form.
Monthly Drilling Report a April 2000 Report	ns required by Rule R649-3-6 and cased. TD depth was 4398	Part 2.4	tionally drilled, give subsurface locations and measured and true  74'. It is still in a drilling status,
			RECEIVED MAY 2 8 2900

**DIVISION OF** OIL, GAS AND MINING

13.					<del></del>	
Name & Signatu	ure: _Fra:	nkie Hathaway	Hanneie	Hathaway	Title: Administrative Assistant	Date:5/25/2000

FORM 9		STATE OF UTAH				
	DIVISION OF OIL, GAS AND MINING  5. Lease Designation and Serial Number					
					ML-48189	TO CONTAIN TO THE PARTY OF THE
	SLINDBY NOTICE	S AND REPORTS ON	WEI	18	6. If Indian, Allottee or	Tribe Name:
	SONDKI NOTICE	S AND REPORTS ON	***		N/A	
Don	not use this form for proposals to drill new	wells, deepen existing wells, or to reenter plug	ged and a	abandoned wells.	7. Unit Agreement Nam	
	Use APPLICATION FOR PE	RMIT TO DRILL OR DEEPEN form for such pr	roposais.	-1.45	Drunkards V  8. Well Name and Nur	Vash UTU-67921X
1. Type of Well	OIL GAS 🛛 OTHE	ER: UW	НIJ	-NTIAI I	Uah 10-41	
2. Name of Ope	erator:				9. API Well Number:	
	River Gas (	Corporation			43-015-303	
Address and Number:		P.O. Box 851 Price, Utah 8450	11 (43	5) 613-9777	10. Field or Pool, or W	
4. Location of V		1.0. Box 831 Trice, Otali 8430	71 (43	3) 013-7111	Drunkards	-
Footages:	1090' FNL, 557' I	FEL			County: Emery	County
QQ, Sec., T	r., R., M.: NE/NE SEC. 10, T	116S, R08E, SLB & M			State: Utah	
11.		BOXES TO INDICATE NA	TURE	OF NOTICE, RE	PORT, OR O	THER DATA
	NOTICE OF I	NTENT		s	UBSEQUENT RE	PORT
	(Submit in Dup			İ	(Submit Original Form	Only)
☐ Aban	don	■ New Construction		Abandon *		New Construction
□ Repa	ir Casing	□ Pull or Alter Casing		Repair Casing		Pull or Alter Casing
☐ Chan	ge of Plans	☐ Recomplete		Change of Plans		Reperforate
☐ Conv	ert to Injection	☐ Reperforate		Convert to Injection		Vent or Flare
☐ Fract	ure Treat or Acidize	□ Vent or Flare		Fracture Treat or Acid	lize 🗆	Water Shut-Off
☐ Multip	ple Completion	□ Water Shut-Off	ď	Other Monthly D	rilling Report	
☐ Other	「 <u></u>		Date	of work completion _		
Approxim	ate date work will start				ompletions and Recomp	pletions to different reservoirs on WELL
			COM	PLETION OR RECOMPLETION		
		TIONS (Clearly state all pertinent details, and g	ive pertin	ent dates. If well is directions	ally drilled, give subsurfa	ace locations and measured and true
vertical depths	for all markers and zones pertinent to thi	s work.)				
	• •	equired by Rule R649-3-6 Par	rt 2.4			
	arch 2000 Report					
		cased. TD depth was 4398' an	nd casi	ng depth was 4374	'. It is still in a	drilling status,
wai	iting on infrastructure to rea	ich the area.				
						CEIVED
					II E Server	

MAY 2 6 2000

DIVISION OF OIL, GAS AND MINING

13.				Marie Control of the		
Name & Signature:	Frankie Hathaway	Hansie	Hatrainy	Title: Administrative Assistant	Date: 5/25/2000	
	4		· • • • • • • • • • • • • • • • • • • •		-	

FOF	RM 9		STATE OF UTAH				
	Di	VISIO		5. Lease Designation	and Serial Number:		
	SUNDRY NOT	ICES	AND REPORTS ON	WF	LIS	MI48189 6. If Indian, Allottee or	Tribe Name:
	COMBINING	.OLC	AND REI ORIGOR	***		N/A	
	Do not use this form for proposals to d	rill new we	lls, deepen existing wells, or to reenter plugg	ed and	d abandoned wells.	7. Unit Agreement Na	
	Use APPLICATION F	OR PERM	IT TO DRILL OR DEEPEN form for such pre	posal	S.		Wash UTU-67921X
1. Typ	se of Well: OIL ☐ GAS 🖾 C	THER	: CUNFIII	ΗN	HIAI	8. Well Name and Nu	
2 Na	me of Operator:				1 11 11 11 11 11 11 11 11 11 11 11 11 1	Utah 10-41 9. API Well Number:	5
Z. 14G	•	as Co	poration			43-015-30	301
3 Ad	dress and Telephone		Politica			10. Field or Pool, or W	
Numb	6825 S. 5300	W. P.0	D. Box 851 Price, Utah 8450	1 (4	35) 613-9777	Drunkards	Wash
4. Loc	cation of Well					E	Country
Fo	ootages: 1090' FNL, 5	57' FE.	L			County: Emery	County
Q	Q, Sec., T., R., M.: NE/NE SEC.					State: Utah	
11.	CHECK APPROPR	IATE	BOXES TO INDICATE NA	TUR	RE OF NOTICE, R	EPORT, OR O	THER DATA
NOTICE OF INTENT (Submit in Duplicate)				SUBSEQUENT REPORT (Submit Original Form Only)			
	Abandon		New Construction		Abandon *		New Construction
	Repair Casing		Pull or Alter Casing		Repair Casing		Pull or Alter Casing
	Change of Plans		Recomplete		Change of Plans		Reperforate
	Convert to Injection		Reperforate		Convert to Injection		Vent or Flare
	Fracture Treat or Acidize		Vent or Flare	Û	Fracture Treat or Ac		Water Shut-Off
	Multiple Completion		Water Shut-Off	ð	Other Monthly I	Drilling Report	
	Other			Da	te of work completion		
Δn	proximate date work will start				•		pletions to different reservoirs on WELL
, .b	proximate date from this otalit			CO	MPLETION OR RECOMPLET		
12 D	ESCRIBE PROPOSED OR COMPLETED O	PERATIO	NS (Clearly state all pertinent details, and gi	ve peri	tinent dates. If well is direction	nally drilled, give subsur	face locations and measured and true
	al depths for all markers and zones pertiner						
		as req	uired by Rule R649-3-6 Par	t 2.4	4		
	February 2000 Report						
			sed. TD depth was 4398' an	d ca	sing depth was 4374	1'. It is still in a	drilling status,
	waiting on infrastructure t	o reach	the area.				

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MAY 2 6 2000

DIVISION OF OIL, GAS AND MINING

Name & Signature: Frankie Hathaway Chix On Rie Hothory Title: Administrative Assistant Date: 5/25/2000	13.					
	Name & Signature:	Frankie Hathaway	Hixankie	Hathanny	Title: Administrative Assistant	Date:5/25/2000

DIVIDION OF OIL CAR AND MINI	NC			
DIVISION OF OIL, GAS AND MINI	5. Lease Designation and Serial Number:			
	ML-48189			
SUNDRY NOTICES AND REPORTS ON	WELLS 6. If Indian, Allottee or Tribe Name:			
	N/A			
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plug	7. Unit Agreement Name:			
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such p	φροsals Drunkards Wash UTU-67921X			
1. Type of Well: OIL ☐ GAS ☑ OTHER:	8. Well Name and Number:			
	Utah 10-415			
2. Name of Operator:	9. API Well Number:			
River Gas Corporation	43-015-30391			
3. Address and Telephone	10. Field or Pool, or Wildcat:			
Number: 6825 S. 5300 W. P.O. Box 851 Price, Utah 8450	01 (435) 613-9777   Drunkards Wash			
4. Location of Well Footages: 1090' FNL, 557' FEL	County: Emery County			
QQ, Sec., T., R., M.: NE/NE SEC. 10, T16S, R08E, SLB & M	State. Utah			
11. CHECK APPROPRIATE BOXES TO INDICATE NA	TORE OF NOTICE, REPORT, OR OTHER DATA			
NOTICE OF INTENT	SUBSEQUENT REPORT			
(Submit in Duplicate)	(Submit Original Form Only)			
☐ Abandon ☐ New Construction	☐ Abandon * ☐ New Construction			
☐ Repair Casing ☐ Pull or Alter Casing	☐ Repair Casing ☐ Pull or Alter Casing			
☐ Change of Plans ☐ Recomplete	☐ Change of Plans ☐ Reperforate			
☐ Convert to Injection ☐ Reperforate	☐ Convert to Injection ☐ Vent or Flare			
☐ Fracture Treat or Acidize ☐ Vent or Flare	☐ Fracture Treat or Acidize ☐ Water Shut-Off			
☐ Multiple Completion ☐ Water Shut-Off	Other Monthly Drilling Report			
□ Other				
	Date of work completion			
Approximate date work will start	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and	give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true			
vertical depths for all markers and zones pertinent to this work.)				

## Monthly Drilling Report as required by Rule R649-3-6 Part 2.4 January 2000 Report

This well has been drilled and cased. TD depth was 4398' and casing depth was 4374'. It is still in a drilling status, waiting on infrastructure to reach the area.

RECEIVED

MAY 2 6 2000

DIVISION OF OIL, GAS AND MINING

13.					
Name & Signature:	Frankie Hathaway	dixonli	Hathaway	Title: Administrative Assistant	Date: 5/25/2000

DIVISION O	OF OIL, GAS AND MININ	lG I	5. Lease Designation and Serial Number:
			ML-48189
SUNDRY NOTICES A	ND REPORTS ON	WELLS	6. If Indian, Allottee or Tribe Name:
SUNDICT NOTICES A	MD KEI OKIO OK	VLLLO	N/A
Do not use this form for proposals to drill new wells, de	eepen existing wells, or to reenter plugge	ed and abandoned wells.	7. Unit Agreement Name:
	O DRILL OR DEEPEN form for such pro		Drunkards Wash UTU-67921X
1. Type of Well: OIL ☐ GAS ☑ OTHER:	เกกา	EIDENTINI	8. Well Name and Number:
2. Name of Operator:	OUIV	TIUCIATIAL	Utah 10-415 9. API Well Number:
River Gas Corpor	ration		43-015-30391
3. Address and Telephone	I de l'Oli		10. Field or Pool, or Wildcat:
	Box 851 Price, Utah 84501	(435) 613-9777	Drunkards Wash
4. Location of Well			
Footages: 1090' FNL, 557' FEL			County: Emery County
QQ, Sec., T., R., M.: NE/NE SEC. 10, T16S,			State: Utah
11. CHECK APPROPRIATE BOX	XES TO INDICATE NAT	URE OF NOTICE, RE	PORT, OR OTHER DATA
NOTICE OF INTENT	-	•	UBSEQUENT REPORT
NOTICE OF INTENT (Submit in Duplicate)	'	-	(Submit Original Form Only)
□ Abandon □ Ne	ew Construction	☐ Abandon *	□ New Construction
	ull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing
☐ Change of Plans ☐ Re	ecomplete	☐ Change of Plans	☐ Reperforate
☐ Convert to Injection ☐ Re	eperforate	□ Convert to Injection	□ Vent or Flare
☐ Fracture Treat or Acidize ☐ Ve	ent or Flare	☐ Fracture Treat or Acid	
	/ater Shut-Off	Other Monthly D	rilling Report
□ Other		Date of work completion	
Approximate date work will start		-	ompletions and Recompletions to different reservoirs on WELL
Approximate date work will start		COMPLETION OR RECOMPLETION	ON REPORT AND LOG form.
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (C	Clearly state all portional datails and six	a nastinant datas. If wall is disections	ally deithed arise as her place teactions and many good and be a
vertical depths for all markers and zones pertinent to this work.)	Clearly state all pertinent details, and giv	e pertinent dates. Il well is directione	any united, give subsurface locations and measured and tide
Monthly Drilling Report as requir	red by Rule R649-3-6 Par	t 2.4	
December 1999 Report			
This well has been drilled and cased	-	l casing depth was 4374	'. It is still in a drilling status,
waiting on infrastructure to reach the	e area.		
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			I I house to the base there
			MAY 2 6 2380
			DIMOION OF
			DIVISION OF
			OIL, GAS AND MINING
13.			
"H			5/05/0000
Name & Signature: Frankie Hathaway	ankie Hathawa	Title: Adminis	strative Assistant Date: 5/25/2000

	DIVISION OF OIL, GAS A	MINING 5. Lease Designation and Serial Number:	
		ML-48189	
CUNDRY NO	TICES AND DEDO		
SUNDRY NO	TICES AND REPO	N/A	
		7 Unit Agreement Name:	
	drill new wells, deepen existing wells, or FOR PERMIT TO DRILL OR DEEPEN	enter plugged and abandoned wells.	
		ONICIO CALTANA 8. Well Name and Number:	
1. Type of Well: OIL LI GAS XI	OTHER.	UNFIII-NIIAI Utah 10-415	
2. Name of Operator:		9. API Well Number:	
River	Gas Corporation	43-015-30391	
3. Address and Telephone		10. Field or Pool, or Wildcat:	
Number: 6825 S. 5300	0 W. P.O. Box 851 Price	h 84501 (435) 613-9777 Drunkards Wash	
4. Location of Well	een ma	Emany County	
Footages: 1090' FNL,	557' FEL	County: Emery County	
	. 10, T16S, R08E, SLB &	Stale: Utah	
11. CHECK APPROPI	RIATE BOXES TO INDI	TE NATURE OF NOTICE, REPORT, OR OTHER DATA	
NOTIC	E OF INTENT	SUBSEQUENT REPORT	
(Subm	it in Duplicate)	(Submit Original Form Only)	
☐ Abandon	□ New Construction	☐ Abandon * ☐ New Construction	
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing ☐ Pull or Alter Casing	
☐ Change of Plans	□ Recomplete	☐ Change of Plans ☐ Reperforate	
☐ Convert to Injection	□ Reperforate	☐ Convert to Injection ☐ Vent or Flare	
☐ Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or Acidize ☐ Water Shut-Off	
☐ Multiple Completion	□ Water Shut-Off	Other Monthly Drilling Report	
□ Other		_	
		Date of work completion	-
Approximate date work will start _		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	L
wertical depths for all markers and zones pertine  Monthly Drilling Report  November 1999 Report	ent to this work.)  rt as required by Rule Ro	3-6 Part 2.4 398' and casing depth was 4374'. It is still in a drilling status,	
		TECEIVED MAY 2 6 2300	

Name & Signature: Frankie Hathaway Tritle: Administrative Assistant Date: 5/25/2000

DIVISION OF CIL, CAS AND MINING

	DIVISION OF OIL, GAS AND MINI	NG	5. Lease Designation and Serial Number:					
			ML-48189					
SUNDRY	NOTICES AND REPORTS ON	WELLS	6. If Indian, Allottee or Tribe Name:					
00112111			N/A					
Do not use this form for propo	sals to drill new wells, deepen existing wells, or to reenter plug ATION FOR PERMIT TO DRILL OR DEEPEN form for such pr	ged and abandoned wells.	7. Unit Agreement Name: Drunkards Wash UTU-67921X					
		орован.	8. Well Name and Number:					
1. Type of Well: OIL GAS	S MO OTHER:		Utah 18-419 10-415					
2. Name of Operator:	·		9. API Well Number: 43-015-30391					
	River Gas Corporation		10. Field or Pool, or Wildcat:					
3. Address and Telephone Number: 6825 S.	5300 W. P.O. Box 851 Price, Utah 8450	1 (435) 613-9777	Drunkards Wash					
4. Location of Well	N. 6661 P.V.		County: Emery County					
OO Sec. T. R. M.:	NL, 557' FEL		State:					
NE/4 N	E/4 SEC. 10, T16S, R08E, SLB & M		Utah					
11. CHECK APPR	ROPRIATE BOXES TO INDICATE NA	TURE OF NOTICE, R	REPORT, OR OTHER DATA					
	OTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)					
☐ Abandon	□ New Construction	☐ Abandon *	□ New Construction					
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing					
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	□ Reperforate					
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	□ Vent or Flare					
☐ Fracture Treat or Acidize	e □ Vent or Flare	☐ Fracture Treat or Acidize ☐ Water Shut-Off						
☐ Multiple Completion	□ Water Shut-Off	Other						
Other <u>Transfer of In</u> Approximate date work will s	terest	Date of work completion						
Approximate date work will s	idit	Report results of Multiple	Completions and Recompletions to different reservoirs on WELL TION REPORT AND LOG form.					
		* Must be accompanied by a ce						
		Made by about parties by a so						
12. DESCRIBE PROPOSED OR COMP vertical depths for all markers and zone:	LETED OPERATIONS (Clearly state all pertinent details, and g spertinent to this work.)	give pertinent dates. If well is direction	onally drilled, give subsurface locations and measured and true					
Please be advised to Petroleum Inc. 170 tive as of this date.	hat River Gas Corporation has transferred 01 Northchase Drive Houston, TX 77060	their interest for the Uta (218/876-8374). This "	th 10-415 well to Anadarko 'Change of Operator" notice is effec-					
1								
			the second secon					
			CCT 3 0 2000					
			DIVISION OF					
			OIL, GAS AND A					
	•							

(This space for state use only)

Name & Signature: <u>Jean Semborski</u>

Title: Permit Specialist

Date: 10/27/00

13.

DEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AND MINING									
					ML-48189					
SUNDRY	NOTICES AND REPORT	S ON WEL	LS	6. IF INDIAN, ALLOTTE N/A 7. UNIT or CA AGREEI						
Do not use this form for proposals to dril	Il new wells, significantly deepen existing wells below	current bottom-hole de	epth, reenter plugged wells, or to	N/A	WENT NAME.					
1. TYPE OF WELL OIL WEL	ALS. USS APPLICATION FOR PERMIT TO DRILL OR LX GAS WELL OTHE		n purposes	8. WELL NAME and NI Utah	JMBER: 10-415					
2. NAME OF OPERATOR:				9. API NUMBER:	10-413					
Anadarko Petroleum (	Corporation				43-015-30391					
3. ADDRESS OF OPERATOR:	., Houston, Texas 77060		PHONE NUMBER: 281-874-3441	10. FIELD AND POOL, Wildcat	OR WILDCAT:					
4. LOCATION OF WELL	., nouscon, rexus 77000			,						
FOOTAGES AT SURFACE:				COUNTY:						
	_ & 557' FEL			STATE:	Emery					
QTR/QTR, SECTION, TOWNSHIP, I	RANGE, MERIDIAN:				JTAH					
	: 10, 16S, 8E									
	OPRIATE BOXES TO INDICAT		OF NOTICE, REPOR	RT, OR OTHER	DATA					
TYPE OF SUBMISSION		DEEPEN	PE OF ACTION							
X NOTICE OF INTENT	ACIDIZE			CURRENT FORMATION						
(Submit in Duplicate)	ALTER CASING	FRACTURE TI	REAT	SIDETRACK TO	REPAIR WELL					
Approximate date work will start:	CASING REPAIR	NEW CONSTR	RUCTION	TEMPORARILY	ABANDON					
. <u> </u>	CHANGE TO PREVIOUS PLANS	X OPERATOR C	HANGE	TUBING REPAIR	R					
	CHANGE TUBING	PLUG AND A	SANDON	VENT OR FLAR	E					
SUBSEQUENT REPORT	X CHANGE WELL NAME	PLUG BACK		WATER DISPOS	SAL					
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	I (START/RESUME)	WATER SHUT-	OFF					
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATIO	N OF WELL SITE	OTHER						
	CONVERT WELL TYPE	RECOMPLETE	- DIFFERENT FORMATION							
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. (Clearly show	all pertinent details	including dates, depths, vol	umes, etc.						
River Gas Corporat	Anadarko Petroleum Corporation, effective 10/27/00.									
Also, I would like Thank you	to request a change of well	name from U	tah 10-415 to Claw	vson Springs S	tate L-1.					
1										
					IVED					
				JAN 1	1 2001					
					ON OF ND MINING					
NAME (PLEASE PRINT) Jenni 1	fer Berlin	тп	LE Environmental	Regulatory Ana	llyst					
SIGNATURE SIGNATURE	15/	DA	те _1/05/01							
(This space for State use only)										

### Livision of Oil, Gas and Mining

### OPERATOR CHANGE WORKSHEET

#### ROUTING

ROUIMIG		
1. GLH		4-KAS
2. CDW	1	5 <b>-570</b>
3. JLT		6-FILE

Enter date after each listed item is completed

### X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

	The operator of the well(s) listed below has chan	ged, effective:	10/27/20	00	<del>_</del>							
		<del>-</del>	TO. Ola	On orotor):								
	OM: (Old Operator):		TO: ( New Operator): ANADARKO PETROLEUM CORPORATION									
	ER GAS CORPORATION			17001 NORT								
	ress: 6825 S. 5300 W.	_	Address:	1/001 NOR1	HCHASE I	JK.						
	D. BOX 851	_	HOLICTO	N TV 77060								
	CE, UT 84501	_		N, TX 77060 1-(281)-874-3	2441							
Pho	ne: 1-(435)-613-9777		Phone:	1-(201)-074-2	7441							
Acc	ount No. N1605		Account	No. N0035								
1100	CA N	0.	Unit:									
$\overline{\mathbf{w}}$	ELL(S)					122.225.2	1					
		API	ENTITY	SEC. TWN	LEASE	WELL	WELL					
NA.	ME	NO.	NO.	RNG	TYPE	TYPE	STATUS					
	AWSON SPRINGS STATE L-1	43-015-30391	12632	10-16S-08E	STATE	GW	P					
				ļ		_						
				<del> </del>	<del>                                     </del>		<del>                                     </del>					
			-	<del>                                     </del>	<del></del>							
			<del></del>		+							
			+									
_				†	<u> </u>							
 OI	PERATOR CHANGES DOCUMENTATION	N										
1.	(R649-8-10) Sundry or legal documentation was received		IER operato	or on:	10/30/20	00						
2.	(R649-8-10) Sundry or legal documentation was received	ed from the NEW	operator on:		01/11/20	01						
3.	The new company has been checked through the Depart	tment of Commer	ce, Divisio	n of Corporat	ions Datab	ase on:	01/11/200					
4.	Is the new operator registered in the State of Utah:	YES	_Business	Number:	904843-0	143						
5.	If NO, the operator was contacted contacted on:	N/A	<del></del>									
6.	Federal and Indian Lease Wells: The BLM a or operator change for all wells listed on Federal or Indian	nd or the BIA ha lian leases on:	s approve	d the (merge N/A	er, name o –	hange,						
	Federal and Indian Units: The BLM or BIA h	as annroved the	SUCCESSO	of unit oper	rator							

8.	Federal and Indian Communization Agreem change for all wells listed involved in a CA on:	nents ("CA"): The BI	LM or the BIA has approved	the operator
9.	Underground Injection Control ("UIC") Prog for the enhanced/secondary recovery unit/project for the	•		hority to Inject,
D.	ATA ENTRY:			
1.	Changes entered in the Oil and Gas Database on:	01/11/2001		
2.	Changes have been entered on the Monthly Operator C	Change Spread Sheet on:	01/11/2001	
3.	Bond information entered in RBDMS on:	N/A		
4.	Fee wells attached to bond in RBDMS on:	N/A		
S	TATE BOND VERIFICATION:			
	State well(s) covered by Bond No.:	SS304606		
F	EE WELLS - BOND VERIFICATION/LEAS	E INTEREST OWN	ER NOTIFICATION:	
1.	(R649-3-1) The NEW operator of any fee well(s) listed l	has furnished a bond:	N/A	
2.	The <b>FORMER</b> operator has requested a release of liabilit The Division sent response by letter on:	ty from their bond on: N/A	N/A	
3.	(R649-2-10) The <b>FORMER</b> operator of the Fee wells has of their responsibility to notify all interest owners of this		ned by a letter from the DivisionN/A	
	LMING: All attachments to this form have been MICROFILMEI	Pon: 2-21-01		
	LING: ORIGINALS/COPIES of all attachments pertaining to ea	ach individual well have be	en filled in each well file on:	
C	DMMENTS:			
_				· · · · · · · · · · · · · · · · · · ·

DEPARTMENT OF NATURAL RESOURCES

ı	1 I	111	11 11	-

FORM 9

	DIVISION OF OIL, GAS AND M	5. LEASE DESIGNATI	ON AND SERIAL NUMBER:	
SUNDRY	NOTICES AND REPORT	6. IF INDIAN, ALLOTTI	ML-48189 EE OR TRIBE NAME:	
Do not use this form for proposals to dri	ll new wells, significantly deepen existing wells below o	surrent bottom-hole depth, reenter plug DEEPEN form for such purposes	ged wells, or to N/A 7. UNIT or CA AGREE N/A	MENT NAME:
1. TYPE OF WELL OIL WEL	L X GAS WELL ☐ OTHE	R:	8. WELL NAME and N	UMBER: 10-415
2. NAME OF OPERATOR:			9. API NUMBER:	10-413
Anadarko Petroleum	Corporation			43-015-30391
3. ADDRESS OF OPERATOR: 17001 Northchase Dr	., Houston, Texas 77060	PHONE NUMBE 281-874-		OR WILDCAT:
4. LOCATION OF WELL				
FOOTAGES AT SURFACE:			COUNTY:	Emery
1090 FNI QTR/QTR, SECTION, TOWNSHIP,	_ & 557' FEL RANGE MERIDIAN:		STATE:	Liller y
	: 10, 16S, 8E		l	JTAH
11. CHECK APPR	OPRIATE BOXES TO INDICATE	NATURE OF NOTICE	E, REPORT, OR OTHER	DATA
TYPE OF SUBMISSION		TYPE OF ACT		
X NOTICE OF INTENT	REFERFORATE	CURRENT FORMATION		
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO	REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY	ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAI	R
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAR	E
SUBSEQUENT REPORT	X CHANGE WELL NAME	PLUG BACK	WATER DISPOS	SAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUM	ME) WATER SHUT-	OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER	
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT F	FORMATION	
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. (Clearly show:	all pertinent details including date	es, depths, volumes, etc.	
Well name to be	first production sales was as changed back to original	l UTAH 10-415 fro	m CLAWSON SPRING ST	L-1, per
Jennifer Berlin	and Joe Bates with Anada	arko Petroleum Co		
			RECEI	VED
			MAY 10	2001
			DIVISION OIL, GAS AND	
NAME (PLEASE PRINT) Jenni	fer Berlyin	ππLE Enviro	onmental Regulatory Ana	lyst
SIGNATURE		DATE 5/08/2	001	
(This space for State use only)				

#### **First 24 Hour Production**



Well Nar	ne:	ンアチル Cl <del>awson S</del> p	ring Uta	h 10-415	Sec.	10	Township	168	Range	8E
County:	Emery		State:	Utah			Turn On Date:	03/30/2001	<u> </u>	
<del></del>	<del></del>									**************************************
Tubing:	2 7/8"			Casing:	5 1/2"		Conde	nsate:		
Water:	9	6		MCF:		33	Choke:			NA
Commen	its:									
2. Meter	Run Size	ı:	2.6	065			12. T-pac Serial Nu	mber:		
2. 1110101	11411 0120	•						Make:		
3. Orifice	Size:							BTU/Hr:		
							Coil Work	Pressure:		
4. Differe	ential Ran	ge:					Coil Seria	l Number:		
						,				
5. Static	Range:						13. Methanol Pump			
							<del> </del>	Number:		
							Seria	l Number:		
7. Calibra	ated Spar	าร					14. Methanol Tank	Make:		
7. Gailbre		perature:					<del>                                     </del>	I Number:		
	······································	Static:						Size:		
	Dif	ferential:								
							15. Glycol Pump Ma	ake:		
8. Meter	Station C	ode:						_		
							16. Gas Gravity:		0.6249	
9. Calibra	ation Fred	quency:								
							17. Calibration Witr	iess		
10. Cond	lensate T	ank						Name:		
		Serial N	umber:					Date:		
			Make:			,				
			Date:				18. Gas Sales to:			
			Size:							
							19. Condensate Sa	les to:		
11. Wate	r Tank			_						
		Serial N	umber:							
			Make:					_		



CONFIDENTIAL

May 11, 2001

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

Re:

Well Completion Report

Utah 10-415, API 43-015-30391, SEC 10 16S 8E

Please find enclosed the report referenced above.

Should you have any questions or require additional information,

please feel free to contact me at (281) 874-3408.

Sincerely,

**ANADARKO PETROLEUM CORPORATION** 

Joe Bates

Sr. Operations Analyst

RECEIVED

MAY 15 2001

DIVISION OF OIL, GAS AND MINING

					,																
					7	ر 	<b>-</b>						`		AL	/ENDE	n er				
				DED		<b>STATI</b> ENT OF				OE6						nighligh				FOR	M 8
						OF OIL										ASE DES <b>4818</b> 9		TION AN	D SERI	AL NUMBER	a:
NELL C	OM	PLE	TIO	N O	R RE	CON	<b>I</b> PL	ET.	ION	REPC	PRT	AND	LC	OG	6. IF I	NDIAN, A	LLOT	TEE OR	TRIBE	NAME	
. TYPE OF WELL	.:		OIL WEL		G# WI	AS X	······································	DRY		CON	FIII	EN	FIA	$\vdash$	7. UN <b>N/A</b>	IT or CA	AGRE	EMENT !	NAME		
	PLETION WORK OVER	l:	DEE!	₽- []	RE	- NTRY		DIFF. RESVR.		OTHE	R		• •• •			LL NAM <b>H 10</b> -			R:		
NAME OF OPERA	ATOR	EUM				<u> </u>		·							9. API	NUMBER 015-3	₹:				
ADDRESS OF OF	PERATO	R			_		,					E NUMBE			10. Fil	ELD AND	POOL	L, OR WI	LDCA	·	
17001 NORT	'HCHA	SE DI	RIVE.	HOUS	TON.	TX 770	60		CON	FIDEN	<u>  281</u>	<u>L-875-</u>	110	1		UNKAF			ABICUI	P. RANGE.	
AT SURFACE: 1090 FNL	X 5	57 FE	EL.						P EX	ERIOL	D D		2.0		MI	NE SI		•			
SAME				ED BELO	W:		11		JN_C	14-30	-02	•	1		12. CC EME				13.	STATE	 ГАН
AT TOTAL DEP		SAME 15.	DATE T.E	). REACH	ED 1	16. DATE	COMPL	ETED:		w 10.25	- <u>-                                  </u>				I	17. ELE	VATIO	ONS (DF.	, RKB,		
10/23/19			1/5/19			03/30				ABANDONE		READY				7180	_				
3. TOTAL DEPTH	: MD TVD	439 SAI	98 <i>"</i> Me	19	. PLUG,	BACK T.D.		4360 SAME		20. IF N	MULTIPLE	COMPLE	TIONS	, HOW	MANY?	21. DEF	TH BF .UG S		MD TVD		
2. TYPE ELECTR	DY OI	OTHER N FIL 34/	E #-		c./6,	Submit cop 8-11: 5-10-	-18-	19	CN/2	LD/GR 18-99	Drill Sys	ELL CORI			NO NO	X Y	ES [	⊒	(Subm	it analysis) it report)	
4. CASING AND				70,	<u>,                                     </u>	•					DIRECT	IONAL SU	RVEY?	, 	NO	<u> </u>	ES L		(Subm	it copy)	
HOLE SIZE		E/GRAD		VEIGHT (	<u> </u>	TOP (M	1D)	вотт	OM (MD)		EMENTE		ENT TY			RRY E (BBL)	CE	MENT TO	OP **	AMOUNT	PULLED
14"	12	3/4	•					2	25'												
11*	8 5	/8" .	J55 J	24#				4	80 *	<u> </u>		21	1 S>	( G			s	URFA	CE		
<del></del>	0.0		,,,,,																		
7 7/8"	5 1	/2" N	180	17#				43	374'				SX				CA	LC 5	75 <b>'</b>		
										<u> </u>		480	SX	OTH		<del></del>	<u> </u>				
SIZE	1	PTH SE	T (MD)	PACKE	R SET (M	in)	SIZ		DEPT	H SET (MD	PACI	KER SET	(MD)		SIZE		DEPTI	H SET (N	4D) T	PACKER S	FT (MD)
2 7/8'	<del>                                     </del>	423				-/-			1		, , , , , ,		(								()
6. PRODUCING	INTER	VALS									27. PER	FORATION	ON RE	CORD							•
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ERRON		•	399	8,	41:	14'					4011	<b>'-405</b> 6	5' [	0A]	.66"	60	)	Open		Squeezed	
											4085	'-415(	), [	0A]	.66"	11	6	Open		Squeezed	
																		Open		Squeezed	
														٠,				Open		Squeezed	
28. ACID, FRAC	TURE,	TREAT	MENT, C	EMENT S	QUEEZE	E, ETC.															
DEPT	H INTER	RVAL								AN	OUNT AN	ND TYPE (	OF MA	TERIAL							
4011'-405	6'			FF	VAC W	ITH 15	000	LBS	16/30	SAND W	ITH 1	.733 B	BLS	FLU:	ID						
4085'-415				SAND																	
																		٠.			
9. ENCLOSED	ATTACH	MENT	S:						1	010	_ r	<b>7 .</b>			¬ . C	2		ĺ		LL STATUS	ş:

(CONTINUED ON BACK)

DIVISION OF OIL, GAS AND MINING

MAY 15 2001

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

31. INITIAL P						TERVAL A (As sh	<del>,</del>	- 1				<b>.</b>
03/30/200		03/3	ATE: 30/2001		HOURS TESTER	24	TEST PRODUCTIO RATES:	N OIL -	- BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES		ESS. API GI	RAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES:	OIL -	- BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATU
					int	TERVAL B (As sh	own in item			<del></del>		
DATE FIRST PE	RODUCED:	TEST D	ATE:		HOURS TESTER		TEST PRODUCTIO	N OIL -	BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	S. CSG. PF	ESS. API G	RAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES:	N OIL -	- BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATU
					IN	TERVAL C (As st	nown in item					
DATE FIRST PF	RODUCED:	TEST D	ATE:		HOURS TESTE	D:	TEST PRODUCTIO RATES:	N OIL -	- BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY			BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES:	OIL -	- BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATU	
					IN1	TERVAL D (As si	nown in item					
DATE FIRST PRODUCED:		TEST D	ATE:		HOURS TESTE	D:	TEST PRODUCTIO RATES:	N OIL -	- BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	S. CSG. PF	ESS. API G	YTIVAF	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES:	N OIL	- BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATU
32. DISPOSIT	ION OF GAS	(Sold, Used	for Fuel, Vent	ed, Etc.)	SOLD							
	nt zones of po	rosity and cor	ntents thereof:	Cored inte	ervals and all drill- essures and recov		ding depth	34. FO	RMATIO	N (Log) MARKERS	<b>5:</b>	
Format	tion	Top (MD)	Bottom (MD)		Descripti	ons, Contents, etc	;			Name		Тор
FERRON		3998'	4114*	GAS	BEARING							(Measured Depth)
35. ADDITION LOGS ARE	ALREADY	ON FIL	E		tion is complete	and correct as o	determined form a					
SIGNATURE			$\mathcal{M}$	JJE		iles	DATE	/11/2	2001			
! complet	ting or plug	ging a new	in 30 days o well n an existin			entering a pre	eviously plugge				vious bottom-	hole depth

\* ITEM 20: Show the number of completions if production is measured separately from tow or more formations.

\*\*ITEM24: Cement Top-Show how reported top(s) of cement were determined (circulated(CIR), calculated(CAL), cement bond log(CBL), temperature survey(TS))

! drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

Sent to: Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

! recompleting to a different producing formation

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

801-359-3940 Fax:



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

January 26, 2012

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1700

Ms. Julie Jacobson Anadarko Petroleum Corp P.O. Box 173779 Denver, CO 80217

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Jacobson:

As of January 2012, Anadarko Petroleum Corp has one (1) State Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

- 1. Reasons for SI/TA of the well (R649-3-36-1.1).
- 2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
- 3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2 Anadarko Petroleum Corp January 26, 2012

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).

- 1. Wellbore diagram, and
- 2. Copy of recent casing pressure test, and
- 3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
- 4. Fluid level in the wellbore, and
- 5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet Petroleum Engineer

DKD/JP/js Enclosure

cc: Compliance File Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

## ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	UTAH 10-415	43-015-30391	ML-48189	1 Year 7 Months



February 23, 2012

Dustin K. Doucet
Petroleum Engineer
Division of Natural Resources, Division of Oil, Gas and Mining
State of Utah
PO Box 145801
Salt Lake City UT 84114-5801

Dear Mr. Doucet:

We are in receipt of your letters dated January 26, 2012, regarding the shut-in and temporarily abandoned status of wells operated by Kerr McGee Oil and Gas.

The attached list explains the status of each well referenced in your January 26, 2012, letters.

Please do not hesitate to contact me if you have any questions or concerns. I can be reached at 720-929-6515.

Sincerely

Julie A. Jacobson

Regulatory Affairs Supervisor

Attachment

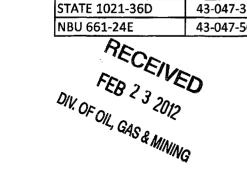
RECEIVED

FEB 2 3 2012

DIV. OF OIL, GAS & MINING

#### UDOGM LETTER(S)

WELL	API	Lease	Comment
UTAH 10-415	43-015-30391	ML-48189	P&A procedure planned to be submitted
			P&A procedure approved in June 2011; work completed by April
NBU 1022-1314S	43-047-39475	STUO-08512-ST	11, 2012
Bonanza 1023-16J	43-047-37092	ML-22186-A	TA approved on 4/19/2011; considering use of wellbore
			June 2011 approved to convert to Birds Nest; convert by July 1,
NBU 921-34J	43-047-37953	STATE	2012
			June 2011 approved to convert to Birds Nest; convert by July 1,
NBU 921-34L	43-047-36388	STUO-1194-A	2012
NBY 921-33J	43-047-36394	STUO-015630	Recompleted approved June 2011; on schedule
		ML-3352	
UTE Trail U88X2G	43-047-15389	(ML13826??)	Decision on well by May 1, 2012
			Waiting for ground from recent activities to settle and then will
CIGE 3-32-9-22	43-047-30320	ML-22649	put well back on production
NBU 31-12B	43-047-30385	ML-01197	Return to production by 5/1/2012
CIGE 51D	43-047-30889	U-01530-ST	P&A procedure approved; will plug this year
NBU 69N2	43-047-31090	U-01194-ST	Under review
NBU 97	43-047-31744	U-01189-ST	TA'd due to pressure monitor; pad completion aroun 9/1/2012
BONANZA 1023-21	43-047-35663	ML-47062	work over scheduled 6/1/2012
			TA'd due to pressure monitor; expected to drill out around
NBU 921-25D	43-047-36700	UO-001189	9/1/2012
NBU_565-30E	43-047-37533	ML-22793	P&A producer approved; work will be completed 7/18/2012
STATE 1021-36D	43-047-38845	ML-47060	producing (as of 12/28/2011)
NBU 661-24E	43-047-50011	ML-22790	producing (as of 12/28/2011)



**Sundry Number: 24884 API Well Number: 43015303910000** 

	STATE OF UTAH		FORM 9
ι	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-48189
SUNDR	Y NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly deepreenter plugged wells, or to drill horizontal of for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: UTAH 10-415
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.		<b>9. API NUMBER:</b> 43015303910000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th	PHO n Street, Suite 600, Denver, CO, 80217 37	<b>DNE NUMBER:</b> 79 720 929-6	9. FIELD and POOL or WILDCAT: 5DRUNKARDS WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1090 FNL 0557 FEL			COUNTY: EMERY
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 0 Township: 16.0S Range: 08.0E Meridian:	S	STATE: UTAH
11. CHECK	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
Kerr-McGee respe the subject well. I reports which repres	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF	o plug and abandon cocedure and daily a fish in the hole. For	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: EPTHS, VOLUMES, etc. REQUEST DENIED Utah Division of Oil, Gas and Mining Date: August 07, 2012 By:
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
SIGNATURE N/A	720 929-6356	Regulatory Analyst II  DATE 4/17/2012	

Sundry Number: 24884 API Well Number: 43015303910000



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

**Electronic Permitting System - Sundry Notices** 

Sundry Conditions of Approval Well Number 43015303910000 See P&A sundry dated 7/3/2012 and approved 8/7/2012.

Sundry Number: 24884 API Well Number: 43015303910000



### P&A Procedure for the Clawson Spring Utah 10-415

Casing: 8 5/8" 24# (ID: 8.097) @ 480" TOC @ surface Casing: 5.5" 17# (ID: 4.892) @ 4,405" TOC @800" (CBL)

Tubing: Top @ 145', stuck in hole with fish

Perfs: 4011'-4150'

PBTD: 4405'

Prior to MIRU, blow well down and check deadmen, plan for a workstring.

MIRU, NDWH RIH with CIBP

Tag top of Fish and tubing

Pull Up 10' from top of Fish

Set CIBP POOH

Circulate 114 sxs (217', 1.5\*volume) cement to surface

Cut off wellhead

Top off cement if necessary

Use 2" valve on surface casing to Ciculate annulus with cement

Circulate 803 sxs (1200', 1.5\*Annular Volume) cement to surface

Top off cement if necessary

Weld dry hole marker

Dry hole marker must have well information on it.

**RDMO** 

All cement is 15.8# class G Neat, yield is 1.15 cuft/sack

Prepared By: Allie Kuykendall (w:307-682-6082)

Date: 4/11/2012

WIN	S No	600	99		CLA	ws	ON SF	RING	Ú	ГАН 10-4	15				Date: '	12/2	0/2001
AFE		non	e		E	aily	' Com	pletion	1 a	nd Work	ov	er Re	with the		DOL:		
REPT NO 1 /	O. OPERA ANADA	TOR RKO P	ETRO	DLEUM	COR	POR	ATION	NAME DR	UNI	KARDS WAS	SH		SUPERVI	SOR /	ENGINEER Jim Hartle	эу /	** ** · · · · · · · · · · · · · · · · ·
	5-3039	i		ITAH		COU	EME	RY		ROCKY MC	OUN	NTAINS	RIG NAMI	8	P00L #8	308	
	well in		ht w/	EOT @	3000	)'											
24 HR F0	DRECAST							····	-	<del></del>			· · · · · · · · · · · · · · · · · · ·			~	
ELEV	T	GL ELEV	Ţ	7.00	1	FORMA	TION					тм <del>р</del> 4,405	(ft) TVD		PBTMD	\ <b>/£</b> L\	PBTVD
JOB#	JOB S	TART DAT			JOB O	BJECTI					AU	TH COST /	NI%	(fl	t) 4,360 DAY COST / CUN		(ft)
		12/18	/2001				MAIN	TENANO			L	\$ /	%				
ASSE	MBLY		SIZE	INST	DAT	EIFR	OM (ft)	TO (f		DETAILS DESCRIPT	rioi	N	<u> </u>			· ·.	
	ce Casi		8.62				0	0	<u></u>			· · ·					
		asing ubing				<u> </u>	0	4,405		5.5", 17#, N		0					
Plug E		ubing .	2.01			-	. 0	4,233 4,360		2.872", 6.5	#	-					
	ng nipp	e		-	******		0	4,201									
		ubing	2.87				0	4,233						<del></del>		<del></del>	
ZONE		3.0			ATE		SIDETI	30V# 1	PE	RFS STATUS							
ZON	•			74. 194 <b>14</b>	A15.		O	Version from the service	LVIY	OPEN		TYF Perfor	tare-leader at	M.13	<b>TOP (ft)</b> 4,011.00		BASE (ft) 4,150.00
			2.7		74.W.		i de Antarago			MARY	79), Till 32, 13, 1		Ki: # I A	\	titela e a	+ -	
MIRU	; Strip o	on BOP	tally	& pick		ts 2.8						tbg, Cl	ose wel	in f	or night. SDI	N	
НО	URS	DIR	coni	SUB	The state of the s	2.27 Sec. 7 - 1	All Property and the Control	UPERA	<b>4</b> ] <b>[</b> (	ON DETAILS	<b>)</b>	STANGER				<u> </u>	
CLAS				CRIPTI	tbg -	tag fi	II @ 434	0' - pull 2	20 s	tds - close w	vell	in for ni	ght w/ E	OT	DP - tally & pl @ 3000' - SE	OFN	AMOUNT
282	1100	1110	Dayw	ork Rig	j Cos	s						ell Servi	ce				741100111
282 282	1600			r & Wa Equipn		uled				Niel							•
282	1700	1702	Truck	ina Liquipii	Hein					Niel		erford					
282	2300			ngençy	,					14101	3011	· ··-			·		
										Z.		•					
										•		•	•				

Sundry Numbe	er: 24884 API	Well Number:	43015303910000
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AFE No: none  Daily Completion and Workover Report  DDL:  **REPT No:   OPERATOR   CANADARY   CANADARY   CANADARY   CANADARY   CANADARY   CANADARY   CANADARY   COUNTY   EMERY   DIVIDIONAL   COUNTY   EMERY   DIVIDIONAL   COUNTY   EMERY   COUNTY   COUNTY   COUNTY   COUNTY   COUNTY	REPT NO. OPERATO 2 ANADAR					<b>TAH 10-4</b>	15		D	ate: 12	/21/2001
ASSEMBLY   SIZE   INST DATE   FROM (ft)   TO (ft)   BASE (ft)	2ANADAR			Daily Com	pletion a	ınd Work	over Re <sub>l</sub>	oort	改五 日初前		
ASSEMBLY   SIZE   INST DATE   FROM (ft)   TO (ft)   DESCRIPTION	** *	KO PETR	OLEUM CO	RPORATION		KARDS WA	SH	SUPERVI			<u> </u>
CORRENT STATUS   ROMO   PRIVATE	43-015-30391		UTAH		RY		DUNTAINS	RIG NAM		COL #805	0
Put back on production   Path   Pat	RDMO	· · · · · · · · · · · · · · · · · · ·					7011174110			JOL #000	
Per   Part   P	4 HR FORECAST	roduction	,				~				
Topic	•		RKB	FORMATION			TWD	14572			
JOBS START DATE								ft)			
CASING DETAILS			JOB 1		TENANCE		AUTH COST /V	/1%			
ASSEMBLY   SIZE   INST DATE   FROM (ft)   TO (ft)   DESCRIPTION			<u> </u>	WAIN		: DETAILS	<u> </u>	%	<u> </u>		
Surface Casing   8.62	ASSEMBLY	SIZE	INST DA	TE' FROM (#)			ION		to Story .	4.1	
Production Casing   5.5   0   4,405.0   5.5", 17#, N-80     Production Tubing   2.87   0   4,233.0   2.872", 6.5#, J-55, 133 jts     Plug Back	Surface Casing	8.62				DESCRIPT	ION	división.			
Production Tubing   2.87   0	roduction Cas	sing 5.5		. 0	-	5.5". 17#. N	V-80		·		
Cone	roduction Tub	oing 2.87		0				jts	·····		
Concentration   Per	Dia Dode			,				•			
Per											
DATE   SIDETRCK # STATUS   TYPE   TOP (ft)   BASE (ft OH OPEN   Perforated   4,011.00   4,150.00	Production Tub	ning 2.87				- Valence -					- · · · · · · · · · · · · · · · · · · ·
DATE   SIDETRCK #   STATUS   TYPE   TOP (ft)   BASE (ft		2.01		0		DEC					
OH OPEN Perforated 4,011.00 4,150.00  SUMMARY  Ound split jt #130 @ 4100' - change out tbg 5 jts tbg - test tbg to 1000# w/ std valve & pump - add guide .872" rods to btm of string. RDMO  OPERATION DETAILS  HOURS DUR CODE SUB DESCRIPTION  Bleed pressure off well - control - contr POOOH w/ tbg - etc - looking for hole - found hole jt #130 @ 4100'. Check btm jt chg PSN - RIH w/ 2.872' tbg testing to 1000# w/ std valve & muc pump got test - fish std vive w/ sandline - strip of BOP - land tbg on Cameron KTH flange SN 4199.95' EOT @ 4231.77. Hook up flow lines etc. Chg equip to rods - flush tbg - PU test pou (Trico #1115, 2.5"x1.5"x20' RWAC bronze bbl, PA plunger 60 ring - 188" stroke) - RIH w/ pur 8872", 9375", 66872" rods, 1 - 8', 1 - 6', 2 - 2'x.872" subs - Polish rod space out - see pump, fill tbg - stroke test pump to 500# - held - good pump action. RDMO  FINAL REPORT  NOTE: found split jt #130 @ 4100' - change out tbg 5 jts tbg - test tbg to 1000# w/ std valve pump - add guide .872" rods to btm of rod string  DAY COST  LAS (CODE SUB DESCRIPTION VENDOR AMOUN RESC 1500 1506 Water & Water Hauled Nielson  DAY COST  LAS (CODE SUB DESCRIPTION Weatherford Nielson RESC 1500 1506 Water & Water Hauled Nielson RESC 1500 1702 Trucking Nielson RESC 1500 1702 Trucking Nielson RESC 1700 1702 Pumping Equipment RESC 1700 1700 Pumping Pump	ONE		DATE	SIDETE			TVD		TOD	7E2\	
SUMMARY  Tournel split jt #130 @ 4100' - change out tbg 5 jts tbg - test tbg to 1000# w/ std valve & pump - add guide .872" rods to btm of tring. RDMO  OPERATION DETAILS  HOURS DUR CODE SUB DESCRIPTION  Bleed pressure off well - control - cont't POOOH w/ tbg - etc - looking for hole - found hole jt #130 @ 4100'. Check btm jt chg PSN - RIH w/ 2.872' tbg testing to 1000# w/ std valve & muc pump got test - fish std vive w/ sandline - strip off BOP - land tbg on Cameron KTH flange SN 4199.95' EOT @ 4231.77. Hook up flow lines etc. Chg equip to rods - flush tbg - PU test pou (Trico #1115, 2.5"x1.5"x20' RWAC bronze bbl, PA plunger 60 ring - 188" stroke) - RIH w/ pur 8872", 9375", 66872" rods, 1 - 8', 1 - 6', 2 - 2'x.872" subs - Polish rod space out - see pump, fill tbg - stroke test pump to 500# - held - good pump action. RDMO  FINAL REPORT  NOTE: found split jt #130 @ 4100' - change out tbg 5 jts tbg - test tbg to 1000# w/ std valve pump - add guide .872" rods to btm of rod string  DAY COSI  LAS CODE SUB DESCRIPTION  VENDOR  AMOUN  POO Well Service  Nielson  Weatherford  Nielson  Weatherford  Nielson  Weatherford  Nielson  Weatherford  Nielson  Weatherford  Nielson  Weatherford  Nielson  Trico  POO 2002 Pumping Equipment  Trico		•									
OPERATION DETAILS  HOURS DUR CODE SUB DESCRIPTION  Bleed pressure off well - control - cont't POOOH w/ tbg - etc - looking for hole - found hole it #130 @ 4100'. Check btm jt chg PSN - RIH w/ 2.872' tbg testing to 1000# w/ std valve & muc pump got test - fish std vive w/ sandline - strip off BOP - land tbg on Cameron KTH flange SN 4199.95' EOT @ 4231.77. Hook up flow lines etc. Chg equip to rods - flush tbg - PU test pou (Tricc #1115, 2.5"x1.5"x20' RWAC bronze bbl, -PA plunger 60 ring - 188" stroke) - RIH w/ pur 8872", 9375", 66872" rods, 1 - 8', 1 - 6', 2 - 2'x.872" subs - Polish rod space out - see pump, fill tbg - stroke test pump to 500# - held - good pump action. RDMO FINAL REPORT  NOTE: found split jt #130 @ 4100' - change out tbg 5 jts tbg - test tbg to 1000# w/ std valve pump - add guide .872" rods to btm of rod string  LAS CODE SUB DESCRIPTION  VENDOR  AMOUN  VENDOR  Trucking  Veatherford  Vielson  Veatherford  Veatherf		THE YEARS		Algebra and Market Market	STIM	MARY					77
DAY COST   DAY COST			8 pum - FIN	872", 9375", np, fill tbg - strok AL REPORT FE: found split	1.5"x20" RV 66872" r ce test pum it #130 @ 4	vAC bronze l ods, 1 - 8', 1 p to 500# - h	obl,-PA plun - 6', 2 - 2'x.: eld - good p e out tha 5 i	ger 60 872" su ump ac	ring - 188" bs - Polish tion. RDM	stroke) - n rod spad O	RIH w/ pum ce out - seat
Company   Comp			pun	). add guide - qı	orz roas to	otm of rod s	tring				
282   1100   1110   Daywork Rig Costs   Pool Well Service   Nielson   Weatherford   Nielson   Weatherford   Nielson   Nielso	LAS CODE S	UB DES	CRIPTION			法法律法定 医乳腺病 医多种性性坏疽	DAB			111	
1500   1506   Water & Water Hauled   Nielson     1600   1604   BOP Equipment   Weatherford     1700   1702   Trucking   Nielson     182   2300   2301   Contingency     183   1000   1002   Tbg: 5 jts, 2.872"     183   2000   2002   Pumping Equipment   Trico     183   2000   2002   rods: 3 - 872" w/g	282   1100   1	110 Dayv	vork Rig Cos	its	7422 - 1119a			<u> </u>			AMOUNT
1600   1604   BOP Equipment   Weatherford	00 4500	506 Wate	r & Water H	auled							7,5
82   2300   2301   Contingency   Nielson   83   1000   1002   Tbg: 5 jts, 2.872"   83   2000   2002   Pumping Equipment   Trico   83   2000   2002   rods: 3 - 872" w/g		604 BOP	Equipment			Wea	herford				
83	82 1600 1		(IDA			Ņiels	on				
83 2000 2002 Pumping Equipment Trico	282 1600 1 282 1700 1										1
83   2000   2002   rods: 3 = 872" w/g	282   1600   10 282   1700   10 282   2300   23	301 Cont	ngency								
	282 1600 10 282 1700 1 282 2300 23 283 1000 10	301 Cont 002 Tbg:	ngency 5 its. 2.872	ent							
	.82     1600     10       .82     1700     1       .82     2300     25       .83     1000     10       .83     2000     20	301 Cont 002 Tbg: 002 Pum	ngency 5 jts, 2.872 bing Equipm	ent							
255 255 255 15ds. 5072 Wig	282   1100   1	110 Dayv 506 Wate 604 BOP	vork Rig Cos er & Water H Equipment	sts auled		VEN Pool Niels Wea	Well Servic on herford	9			AMO
2000 2002 100s. 3012 W/g	282 1600 10 282 1700 1 282 2300 23 283 1000 10	301 Cont 002 Tbg:	ngency 5 its. 2.872								4
	82 1600 10 82 1700 1 82 2300 23 83 1000 10 83 2000 20	301 Cont 002 Tbg: 002 Pum	ngency 5 jts, 2.872 bing Equipm	ent		Trico					4
	82 1600 10 82 1700 1 82 2300 23 83 1000 10 83 2000 20	301 Cont 002 Tbg: 002 Pum	ngency 5 jts, 2.872 bing Equipm	ent							4

Page 1 of 1

REPT N	No:	RATOR			FIELD NA	WE	RIG NAME		assissay an ang	Date of the Control o	SUPERVISOR /	ENAMERS
	ADARK	(O PE	TROLE	UM CORPOR	ADIRON	KARDS WAS	SH KIG KAME		OL #808			n Hartley /
API		15-30	391	STATE	UTA	AH	COUNTY	EM	ERY	DIVI	SION ROCKY MO	DUNTAINS
CURRE	NT STATU	s : Has :	3 bad its	s 2 7/8" tbg, c	hange F	BHA: SDEN	FORM	ATION				
24 HR F	ORECAST							JOB#	JOB START D		JOB OBJECTIVE	
ELEV	TMD	)	TVD	PBTMD	PBTVD	AUTH COST /	NAMEZ.		10/23/2		1	NTENANCE
		,405		4,360	-0,40	Adin coarr	/		J.,	AY COST	CUM COST	
					Mar Hilli	网络拉克克克 医电影电影 化电影 医电影性 化氯化	ING DETA	Janica Dan Inc.	Yawana in k			
	MBLY ce Casi	ina	<b>SIZE</b> 8.62	INST DATE	FROM 0	(ft) TO (f	t) DESC	RIPTIO	N. A.			
	ction C		5.5		0	4,201	.0					
Produ	iction T				0	4,233	.0					
Plug I	3ack 1g nippl	10			0	4,360						
Jedill	ia mbbi	10	The second of		0	4,201	.0 PERFS	a Sign Sibig Sales (SCI)	446000000000000000000000000000000000000	. Inga panawani	30. N	
ZONE		252,141 [7]		DATE	SIE	DETRCK#	STATI	JS T	TYPE	: ::::::::::::::::::::::::::::::::::::	TOP (ft)	BASE (ft)
						ОН	OPEI	N	Perforated		4,011.00	4.150.00
SUMI	MARY:	ļ	Jnseat p	oump; POOH	w/ rods	& pump lay	down 5 - 3/	4" on bi	m worn - LD	pump i	#998; release	5 1/2" TAC; four
•••		- П	iole in jt	#132; lay dov	vn 5 1/2	2' TAC w/ not	iched - pinr <b>ATION DE</b> I	ned jt w/	hole testing	to 1000	0# std valve.	
НО	URS	DUR	CODE	SUB DESCR	RIPTIO		ATION DE	AIL5				
07,00	-18:00	11.00		on btm strip or hole jt i 133 jts	worn - n BOP - #132 @ - testing	pressure off to LD pump #9 tally and PU 0 4135' - lay of g to 1000# si	98 - tests g l 3 jts tbg - down 5 1/2' td valve an	jood - cl tag san " TAC - d mud p	nange equip t d @ 4341' - F PBGA RIH w oump as RIH	to tbg - POOH \ / notch - fish s	release 5 1/2	p lay down 5 - 3/4 2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land
	-18:00	11.00		on btm strip or hole jt i 133 jts tbg on	worn - BOP - #132 @ - testing Camero	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	jood - ci tag san " TAC - d mud p al jt - PS to flow li	nange equip t d @ 4341' - F PBGA RIH w oump as RIH	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2	2" TAC @ 3954' -
CLAS	CODE	SUB	DESC	on btm strip or hole jt i 133 jts tbg on put wel	worn - BOP - #132 @ - testing Camero	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra	yood - cl tag sand " TAC - d mud p al jt - PS to flow li	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
CLAS 282	<b>CODE</b> 1100	<b>SUB</b> 1110	<b>DESC</b>	strip or hole jt : 133 jts tbg on put wel	worn - BOP - #132 @ - testing Camero head et	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	yood - ci tag sand "TAC - d mud pal jt - PS to flow li VEND( Pool W	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN -
CLAS	CODE 1100 1500	<b>SUB</b> 1110 1506	DESCI Daywo	on btm strip or hole jt i 133 jts tbg on put wel RIPTION ork Rig Costs & Water Haul	worn - BOP - #132 @ - testing Camero head et	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	yood - cl tag sand "TAC - d mud p al jt - PS to flow li VENDO   VENDO   Nielsor	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
CLAS 282 282 282 282 282	CODE 1100 1500 1600 1700	SUB 1110 1506 1604 1702	DESC Daywo Water BOP E Truckir	on btm strip or hole jt i 133 jts tbg on put wel RIPTION ork Rig Costs & Water Haul quipment	worn - BOP - #132 @ - testing Camero head et	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	yood - ci tag sand "TAC - d mud pal jt - PS to flow li VEND( Pool W	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
CLAS 282 282 282 282 282	CODE 1100 1500 1600 1700 2300	SUB 1110 1506 1604 1702 2301	DESC Daywo Water BOP E Truckir Contin	strip or hole jt i 133 jts tbg on put wel	worn - BOP - #132 @ - testing Camero head et	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	good - cl tag sand " TAC - d mud p al jt - PS to flow li VENDO Pool W Nielsor	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
CLAS 282 282 282 282 282	CODE 1100 1500 1600 1700 2300 1000	SUB 1110 1506 1604 1702 2301 1002	DESC Daywo Water BOP E Truckir Contin TBG: 4	strip or hole jt i 133 jts tbg on put wel RIPTION ork Rig Costs & Water Haul quipment ng . gency	worn -  BOP -  #132 @  - testing  Camero  head el	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	good - cl tag sand " TAC - d mud p al jt - PS to flow li VENDO Pool W Nielsor	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
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282 282 282 282 282 282 283	CODE 1100 1500 1600 1700 2300 1000	SUB 1110 1506 1604 1702 2301 1002	DESC Daywo Water BOP E Truckir Contin TBG: 4	strip or hole jt in 133 jts tbg on put well well with Rig Costs & Water Hauling or gency i jts 2 7/8"	worn -  BOP -  #132 @  - testing  Camero  head el	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	good - cl tag sand "TAC - d mud p al jt - PS to flow li VENDO Pool W Nielsor	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
282 282 282 282 282 282 283	CODE 1100 1500 1600 1700 2300 1000	SUB 1110 1506 1604 1702 2301 1002	DESC Daywo Water BOP E Truckir Contin TBG: 4	strip or hole jt in 133 jts tbg on put well well with Rig Costs & Water Hauling or gency i jts 2 7/8"	worn -  BOP -  #132 @  - testing  Camero  head el	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	good - cl tag sand "TAC - d mud p al jt - PS to flow li VENDO Pool W Nielsor	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
282 282 282 282 282 282 283	CODE 1100 1500 1600 1700 2300 1000	SUB 1110 1506 1604 1702 2301 1002	DESC Daywo Water BOP E Truckir Contin TBG: 4	strip or hole jt in 133 jts tbg on put well well with Rig Costs & Water Hauling or gency i jts 2 7/8"	worn -  BOP -  #132 @  - testing  Camero  head el	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	good - cl tag sand "TAC - d mud p al jt - PS to flow li VENDO Pool W Nielsor	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
282 282 282 282 282 282 283	CODE 1100 1500 1600 1700 2300 1000	SUB 1110 1506 1604 1702 2301 1002	DESC Daywo Water BOP E Truckir Contin TBG: 4	strip or hole jt in 133 jts tbg on put well well with Rig Costs & Water Hauling or gency i jts 2 7/8"	worn -  BOP -  #132 @  - testing  Camero  head el	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	good - cl tag sand "TAC - d mud p al jt - PS to flow li VENDO Pool W Nielsor	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
282 282 282 282 282 282 283	CODE 1100 1500 1600 1700 2300 1000	SUB 1110 1506 1604 1702 2301 1002	DESC Daywo Water BOP E Truckir Contin TBG: 4	strip or hole jt in 133 jts tbg on put well well with Rig Costs & Water Hauling or gency i jts 2 7/8"	worn -  BOP -  #132 @  - testing  Camero  head el	oressure off the LD pump #9 tally and PU 4135' - lay cong to 1000# sign KTH flangte together -	98 - tests g l 3 jts tbg - down 5 1/2' td valve an e @ neutra open well t	good - cl tag sand "TAC - d mud p al jt - PS to flow li VENDO Pool W Nielsor	nange equip if d @ 4341' - FPBGA RIH woump as RIH N @ 4201' - Ine for night -	to tbg - POOH \ / notch - fish s EOT @	release 5 1/2 // tbg - etc - l ed - pinned jt td valve - stri 2 4233' - char	2" TAC @ 3954' - looking for leak t w/ hole - PSN - p off BOP - land nge equip to rods
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WIN	IS No	: 600	)99	CLAV	VSON SI	PRINCTU	TAH 1	0-41	5		Date:	10/24/2001
AFE REPT N	No:	no RATOR	ne	D				orko	ver Repor	t	DOL:	
AN		O PE	TROLE	UM CORPOF	ADIRON KAR	DS WASH	RIG NAME	PC	OL #808		SUPERVISOR / Jim	engineer Hartley /
API		15-30	391	STATE	UTAH		COUNTY		ERY	DIV	ROCKY MC	UNTAINS
CURRE	NT STATU	S	Tubi	ng repair; RD	МО		FORMA	TION				
24 HR F	ORECAST			,				JOB#	JOB START D. 10/23/2		JOB OBJECTIVE	ITENANCE
ELEV	TME	,405	TVD	PBTMD 4,360	PBTVD AU	JTH COST / WI%	,	1			/ CUM COST	TEVALVOL
,			<u> </u>			CASING	DETAIL	.5				
	ce Casi		<b>SIZE</b> 8.62	INST DATE		TO (ft)	DESCI	RIPTIC	N	:		
Produ	uction C	asing	5.5		0	0 4,405.0		Net-14				
Produ	uction T				<del>- 0</del>	4,233.0						
Plug					0	4,360.0						
	ng nippl uction T		2.87		0	4,201.0 4,233.0						
	77 10.5	ubii ig	2.07	CONTRACTOR CONTRACTOR		1	⊥ :RFS	Terror Diction	CACAMOS PROPERTY OF THE PLAN			
ZONI				DATE	SIDET	Name of the Control of the Real Property	STATU	S	TYPE	arata Table	TOP (ft)	BASE (ft)
					0		OPEN		Perforated		4.011.00	4.150.00
SUM	MARY:	F D	lush tul ump ac	oing, pick up t tion. Hang of	test rod pur f rods. RDM	ip. Space o O	ut seat p	ump, i	ill tbg - stroke	test p	ump etc to 50	0# - held - good
	1	Section 1			ander som en bedreitigt ander 1970 bleitigt betreit	OPERATION	ON DET	AILS		KYPOVÍ		
	URS		CODE	SUB DESC					Mark State		Application of the second	
07:00	-10:00	3.00		Flush	tubing, pick	up test rod p	pump (Tr	ico #9	92, 2 1/2"x2"x	20' R\	VAC, bronze	bbl - 60 ring PA , 1 - 6', 2 - 2'x7/8"
CI AC	VCODE	0115	DEGG	good p FINAL	oump action. REPORT	Hang off ro	ods. RDM	10	p, fill tbg - stro			
282				RIPTION ork Rig Costs	<u> </u>	<u> </u>		VEND				AMOUNT
282	1500	1506	Water	& Water Hau	led			Nielso	Vell Service			
282	1600	1604	BOP E	quipment				Weath				
282 282	1700 1900		Trucki					Nielso				
282			Compa	any Supervisi	on			Dietz (	Consulting			
283	1000	1002	TBG: 4	its 2 7/8"								
283	2000	2002	Rods 5	5 - 7/8" w/g - :	2' subs							
							,	.*	•			
							•		• `			
Printed	1: 10/23/	2001	10:34:47	AM								Page 1 of 1

WINS No: 6	0099	CLA	WSON SF	RING U	TAH 10-41	5			Date: 10	0/16/2003
	ONE	D			and Worko				DOL: 1	
	O PETR	OLEUM COR	PORATION	NAME DRUN	KARDS WASI	4			NEER M HARTLE	Y/
43-015-30391	STATE (	UTAH	COUNTY	RY	DIVISION WESTE		RIG NAN	NE ·		
CURRENT STATUS WELL SHUT IN	FOR 24	HRS			<b>↓</b>	L				
24 HR FORECAST PUT BACK ON	LOCATIO	ON .								
ELEV GL E		RKB I	ORMATION		<del></del>	TMD	TV	D	PBTMD	PBTVD
JOB# JOB START	T DATE	7.00 JOB OF	JECTIVE	-		4,405 (f		(ft)	4,360 ( cost/cum c	
10	0/15/200	3	MAIN	TENANCE		\$ /		JA.	CONT COMPC	
ASSEMBLY	SIZE	INIST DATE	FROM (ft)		DETAILS	ON.				
Surface Casing	8.625'		0	TO (ft) 0	DESCRIPTION	ON				
Production Casi Tubing			0	4,405.0	17#, N-80					
X-OVER	2.875		0	4,170.8 1.0	6.5#, J-55, F N-80, 2.875					
+45 SN	2.375	1	0	1.1	N-80, @ 4,1		<u>,                                    </u>	3.70	-	
TAC N/P JT W/HOLE	5.5" 2.375'		0	3.4	BAKER 43-0			)'		
EOT	2.375		0	31.0 4,212.0	4.7#, J-55, @	2) 4,180.95	-			
PBTD			0	4,360.0	FILL @ 4,33	5'			***************************************	
ZONE	<u> </u>	DATE	SIDETE		ERFS STATUS	TYPI			D (60)	
		DAIL	OH		OPEN	Perfora			P (ft) 11.00	BASE (ft) 4,150.00
HOURS DI	SK GOD	THEN	RTED WITH 2	HEMICAL V IN FOR 24	VITH 270 BBL HOURS.	19 MIXED V 'S OF PRO	WITH DUCE	10 BBL'S ED WATI	OF PROD	DUCED WATER FINISHED.
CLAS CODE SU	IR DES	CRIPTION		DAY	COST	NOD				
282 1200 12	00 GYP	TRON T-149			VENE CHAM	//PION				AMOUNT
282   1200   12 282   1700   17	02 Wate	er & Water We	ells		NIELS					
202   1700   17	02   Huc	King			NIELS	SON				
						•				
•										
1					•	•	•			
						•				
<u> </u>					1					
Printed: 10/15/200	3 6:58:3	5 PM				····				Page 1 of 1

**RECEIVED:** Apr. 17, 2012

WIN	S No	: 60	099	CLA	WSON S	PRING	UTAH 1	0-41		Date:	8/4/2002
AFE			ONE	E	Daily Com	pletio	n and W	orko	ver Repor	t DOL:	1
		ARKC		OLEUM COF	RPORATION	D NAME DR	UNKARDS	WASH		RVISOR/ENGINEER JIM HART	LEY/
арі 43-01	5-303		ATE (	JTAH .	COUNTY	ERY	DIVISION V	VESTE		NAME POOL#	<del>‡</del> 808
CURREN MIRU			INAL R	EPORT	i dia				· · · · · · · · · · · · · · · · · · ·		
24 HR FO PUT I	BACK	ON P	RODU	CTION						1	,
ELEV		GL ELE	EV	якв 7.00	FORMATION			_	4,405 (ft)	(ft) PBTMD 4,36	60 (ft) PBTVD (ft)
JOB#	JOB S	TART I	DATE /3/2002	JOB O	BJECTIVE MAI	NTENAN	CE	A	UTH COST / WI% \$ / %	DAY COST / CL	
						CAS	ING DETA	LS			
ASSE			SIZE	INST DAT	E FROM (ft)	TO (1	t) DESC	RIPTIC	N	,	
	ce Cas		8.62		0	0					- 1,
			g 5.5		0	4,405			#, N-80	<del></del>	
		ubin	g 2.375	•	0	4,222			55, 131 j	ts	
Plug E	sack ng nipp	ماد	70		, 0	4,360		@ 4	340'		
TAC	ig riipt	10	5.5"		0	4,190 3,932			· · · · · · · · · · · · · · · · · · ·	-	
-			0.0			1 0,002	PERFS				
ZONE			******************	DATE	SIDE	RCK#	STATI	IS	TYPE	TOP (ft)	BASE (ft)
						)H	OPE		Perforated		4,150.00
						5	SUMMARY				
MIRU	POOF	W/ I	RODS 8	R PUMP LOG	TBG						
		,				OPER	ATION DET	AILS			
	URS			E SUB DES		` `					
07:00	-17:00	10.0	00	7:0	0 AM M	OVE R	IG & E	QUIP	FROM C	SS#E-7 TO	CS UTAH #
				10-	415 (4.1	MI) S	ET EQI	JIP S	STAND U	P RIG BLEE	D PRESS OF
		1		FT	BG UNS	EAT P	UMP @	422	2' LAY D	OWN 30-3/4	" RODS & P
				UM	P (TRIC	0 # 11	137 2"X	11/2	"X20' PA	) PUMP TES	STED GOOD
				СН	G EQUIF	TO T	BG BL	EED	PRESS O	FF CSG RE	LEASE 51/2"
				T	A/C @ 3	963'S	TRIP O	N B	OP TALLY	Y & PICKUP	4 JTS 23/8"
				TE	BG TAG I	ILL @	94335'	PULI	LJĽAY DO	WN 4 JTS T	BG RIG UP
l				PR	S TBG L	OGGII	NG EQU	IP P	OOH W/	TBG SORTH	NG 131 TTL
ł		l		JT:	S 25#4 F	ED 24	#3 GR	EEN	55#2 BL	UE & 27#1 Y	ELLOW RIG
				.   D (	OWN PR	RIH	W/ PRO	DT	BG AS F	OLLOWS NO	TCHED PIN
ļ				NE	D JT W/	HOLE	PSN 8	-JTS	23/8" T	BG 51/2" TA	/C 123 JTS
		1		23/	8" [BG	TOP 2	4#3 GR	REEN	JTS RIG	UP FLOOR	STRIP OFF
				BO	PSEIS	1/2"	A/C @	3931	.60' PSN	N @ 4189.72	' EOT @ 42
			1	21	OT LAN	n IRC	ON CA	MEF	CON KTH	FLANGE W/	10,000# TE
l				IN S	ION ON	IBG C	HGEQ	UIP.	IO RODS	PICK UP T	EST PUMP (
1					100 # 12	04 2"	X11/2")	X 2 0 '	KWAC B	KONZE BBL	PA PLUNGE
				K 1	108 214	(UKE)	KIH W	L P U	MP 101-3	64-7/8"	RODS 1-8'
				2 - 4	- 2-2 X/	10 PC	JNY KO	100	CULISH F	KOD SPACE	OUT SEAT P
					T TILL I	G 0E1	KOKE	IES	1 10 100 1 DOMAN 1	DIC LOAD =	DOD PUMP A
				\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	FII DOV	0 UFI	г кора п опе	L A Y		RIG LOAD E 5:00 PM SD	QUIP LEAVE
				VV	EDUBL:	VIN FU	EVK TO	vi. ο'	W O E E Z E	O D D PM SD	FD FINAL EJT #1283
			-	RU	FROM F	TM	HG 3VV	3 / A "	DUDG T	U CHIDES O	= JI # 128 3 HG PUMP E
				TC	, NOW L	w. O	11.0 307	J / 4	MODS I	O GUIDES C	TO PUMP E
						r	DAY COST				
CLAS	CODE	911	R DES	CRIPTION	78.774		MI 0031	VEND	OB		,
282				work Rig Cos	te			VEND			AMOUNT
282	1100	112	2 Tubi	ular Inspect S	Services			POOL	BG LOGGING		
282				and Chemic					IPION CHEM.		
282	1500	150	6 Wat	er & Water H	auled			NIELS			
282	1600	160	4 BOF	Equipment					HERFORD		
282	1700	170	2 Truc	kina	*			NIELS			

Printed: 8/5/2002 9:55:50 AM

Ana	darko			COMPLETI	ON REPORT	C.	Price	e, Utah Operating Area	
Well:	U	tah 10-415	_ Field:	Clav	son Spring	Day No:	1		
Project Des	scription:	pump change							
Well Loc:		Sec: 10	_ Twn:	16S Rng:	8E		En	nery, Utah	
GL Elevation	on:		_ KB E	Elevation:	11'	_CHF Elevation:			
Casing:	Surface:	8/58"	_ @ _		Production:	5 1/2", 17#	@ _	4405'	
Perforation	s	4011 - 4150'							
Tbg:	2 7/8"	_ @4:	268'	T.A.C. @	3954'	Seating Nippl	e@	4203'	
PBTD @	4360', fil	l @ 4341' Notes:	chang rod	- pump check PE	BTD - didn't pull t	bg			
AFE#	21556	_ Well Code:	12837	70 Contra	actor: POOL				<del></del>
Custrating Date	Report Date	Francisco (umpre	Hours P	Graners PM	Eng Dag Press Press	MCF/Cay Oil	essi essi e	800000000000000000000000000000000000000	e Bizsii Valer
		7:00 am - 2:00 pm	from under hors	a head Remove ho	rse head - unseat nu	mp at 4203' - POOH w/	rods and nu	mp. Pump gas locked -	. I D
pump - chang rods - flush tk	ge equip to ti og - PU test p held - good p	og - tally and PU 3 its t	bg - tag fill at 4: 2"x2"x20' w/ bro	341' - pull up RE set nze bbl - PA plunger	TAC - land on Came	ron KTH flange w/ 10,00	00# tension	on tbg - change equip bamp at 4203' - fill and stro	ack to
VENDOR		WORK I	ONE	COST					**
POOL Weatherford		TANKS	ISION OLE RENTALS	\$					
Nielson Nielson		WATER TRUCKI	NG	\$ \$					

08/01/2001 10:13 AM

pump

WIRELINE TREATMENTS MISCELLANEOUS

PRIOR DAY COST CUMULATIVE COST

DAILY COST

Nielson Nielson Trico

Clawson Spring Ut. 10-415 7-31-01.xls

\$

Foreman: Jim Hartley

Ana	darko			l	CC	MPLET	TION R	EPORT	(		P	rice, Utah	Operating Are	ea .
Well:	Ut	tah 10-41	5	_ Field: _		Cla	wson Sp	oring		Day No:		1		
Project De	scription:	Proc	1. W	or K							-			
Well Loc:		Sec:	10	_ Twn: _	168	Rng:		BE	_			Emery, L	Jtah	
GL Elevati	on:		v	_ KB	Elevation	on:	·	11'	_CHF Ele	vation:				_
Casing:	Surface:			_ @ _	·		Prod	uction:	5 1/2	', 17#	. @		1405'	<del></del>
Perforation	ns	<u>4011 - 4</u>	150'								·	****		
Tbg:	2 7/8"	. @ .	4:	235	T.A.	C. @	39	945'	_ Seat	ing Nippl	e @		4203'	
PBTD @	4360', fill	@ 4341'	Notes:											····
	- day of the second											,		
AFE#	21556	Well (	Cado:	1283	270	Cont	ra otor:	DOOL 4	4000					***
AFE #	21000	- *************************************		1200	570	. Conti	ractor:	POOL #	FOUO					
Consutting Costs	Report Date	FearyTo	(am/pm)	Hours		Civileis Pid	Dg Press	Cag Press	MCF/Day	BELS/C	2.51 S.F.	8171 8776	ad to Reu	SBLETS SVeter
07/03/200	1 07/05/2001	12 noon -	6:00 pm	6										
MIRU; POO wellhead - NI	H w/ rods and U BOPE POC	l pump #871 PH w/ 2 7/8"	- pump b 8rd prod t	obl was cracke lbg leave well	ed and spli open to ga	t. Release as house Si	TAC tally a DF 4th of J	and PU 4 jt: uly.	s 2 7/8" tbg -	tag fill @ 4	1341' - 19	' fill - LD 4	jts 2 7/8" tbg	- ND
		•												
:														
VENDOR	<del></del>		WORK D	ONE		COST						- umasu.		
POOL			RIG SUPERV	ISION		\$								
			BOPE DOWNHO	OLE RENTAL	.s									
Nielson			TANKS WATER											
Nielson			TRUCKIN	1G		\$ \$								
				VALVE REF	PAIRS									
			WIRELIN TREATM											
				ANEOUS										
		1				\$		1						
			DAILY CO	OST AY COST		\$		P		Fanar	Han II	u		
				TIVE COST		\$				Foreman:	Jim Hari	пеу		

07/05/2001 12:31 PM

Clawson Spring Ut. 10-415.xls

Anadarko			COMPLET	ION REPORT	(	Rock Sprin	gs Operating Area
Well: Project Description	Utah 10-415 on: Prod work	Field:	Cla	wson Spring	Day No: _	2	
Well Loc:	Sec: <u>10</u>	Twn:	16S Rng:	8E		Emery	, Utah
GL Elevation:		_ KB E	levation:	11'	_CHF Elevation: _		
Casing: Surfa	ce:	_ @ _		_ Production:	5 1/2", 17#	@	4405'
Perforations	4011 - 4150'						
Tbg: <u>2.7</u>	<u>/8"</u> @4	267'	T.A.C. @	3954'	_ Seating Nipple	⊕@	4203'
PBTD @ _4360	o', fill @ 4341' Notes:						
AFE# 218	556_ Well Code:	12837	70 Conf	tractor: POOL	#808		
constitui Data Repor	Date From To Grouper	Hours P	Choke/%		MGF/Day Oil		LOBO IG REGUVE BULVE Weter
RIH w/ 1 jts 2 7/8" 8	8/2001   7:00 am - 12 noon Brd tbg - w/ 1/2" hole @ BT nd 125 jts 2 7/8" 8rd tbg. , bronze bbl, 40 ring PA, 1	ND BOPE - set 1	FAC w/ 10,000# ter	nsion - land tbg on Cai	neron KTH flange - NU v	velihead - flush	 SN - 8 jts 2 7/8", 8rd tbg - tbg RIH w/ pump #917, 2
FINAL REPORT							
VENDOR	WORK	DONE	COST				
POOL	BOPE Downh Power WATE TRUC' Foamir Tbg., 2 4 3/4 rd	R (ING ig Unit jts, 2 7/8" 8rd	\$ \$ \$ \$ \$				
	PRIOR	COST DAY COST LATIVE COST	\$ \$ \$		Foreman	: Jim Hartley	

7-5-01

Ana	darko			<b>\</b> .	CC	MPLET	ION RI	EPORT	(		P	Price, Utah Op	perating Ar	ea
Well:	U	tah 10-41	5	_ Field:		Cla	wson Sj	oring		_Day No:		1	•	
Project De	scription:	tubing r	epair	*					<del> </del>	······································	-			
Well Loc:		Sec:	10	_ Twn:	168	Rng:		8E				Emery, Uta	ah	
GL Elevation	on:			_ KE	B Elevation	on;		11'	_CHF Ele	evation:		<u></u>		_
Casing:	Surface:			_ @	****		Prod	uction:	5	1/2"	_ @	44	105'	
Perforation	ıs	4011 - 4	150'											
Tbg:	2 7/8"	. @	4:	235	T.A.	C. @	3	945'	_ Sea	iting Nipp	le @		4203'	
PBTD @	43	60'	_Notes:											
AFE#	21556	Well	Code:	128	370	Conti	ractor:	POOL :	#808					
Operating	Report					Chake/6	TOG	Cag		JEBUSJO	SEE SY	L03	d to Rec	OVET \$81.6/0
Date				Hours		PM	Ptess		MCF/Oat			CII		Water
MIRU; POO		d pump #86	7 - 78, 7/8	rods, 3 1 1/	2" wt bars.	Control we	ll - ND we	llhead - NU	BOPE, PO	OOH w/ 2 7	 /8" 8rd pro	od tbg - tallied	same. R	IH w/ used
4 3/4" bit - bi	t sub - 122 jt	s 2 7/8" 8rd	tbg - bit at	3841' - SWI										
SDFN														
VENDOR			WORK D	ONE		COST								***************************************
POOL			RIG SUPERV	ISION		\$								
Weatherford			BOPE DOWNH	OLE RENTA	ALS.	\$		7						
Allaloam			TANKS			_								
Nielson Nielson			WATER			\$	35							
				VALVE RE	PAIRS									
			WIRELIN											
				ANEOUS										
					•	\$		7						
			DAILY C			\$				F	. Her II	-41		
				AY COST TIVE COST	-	\$				roreman	: Jim Har	пеу		

05/04/2001 8:47 AM

Clawson Spring Ut. 10-415.xls

5-1-01

Ana	darko			(	СО	MPLET	TION R	EPORT	(		F	Rock Sprir	ngs Operating	g Area
Well:	U	tah 10-41	5	Field:		Cla	wson S	pring	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Day N	o:	2		
Project De	scription:	tubing re	epair								_			
Well Loc:		Sec:	10	Twn:	16S	Rng:		8E				Emery	y, Utah	
GL Elevat	ion:			_ KE	B Elevation	n:		11'	_CHF E	levation:				
Casing:	Surface:			_ @ .			_ Proc	luction:	5	5 1/2"	@	<u> </u>	4405'	<del></del>
Perforatio	ns	4011 - 4	150'								-			
Tbg:	2 7/8"	_ @	4	235	T.A.	C. @	3	945'	Se	ating Nip	ple @		420	3'
PBTD @	43	60'	Notes:											
			to the second											
AFE#	21556	Well	Code:	128	370	Cont	ractor:	POOL	#808					
	***************************************												Load to F	
Operating Date	Report Dat	Erom/To	(arruperi)	Hours	9.6	Choke/SF M		Press.	MOFID	BBLB/I V OF		o Bibli In Oil	800000000000000000000000000000000000000	BBLS/D VVAIG
	1 05/03/200			10.5			nales =1n=	01	40051	DDTD -	4000)		DD f	The second
w/ 2 7/8" 8rd	w/ 11 jts 2 7 d PSN - 8 jts slon - NU wel	2 7/8" 8rd tb	g - 5 1/2"	nickel plated	T.A.C 12	5 jts 2 7/8	" 8rd, 6.5#	, J-55 tbg.	ND BOPE					
TO,DOO# Ten	SION - NO We	inead - T.A.	J, 3934 -	PSN 4203 -	E.O.1. 423	D ND. FI	epare to ru	n roas - Sv	VI					
SDFN														
VENDOR			WORK I	OONE		совт			<del></del>					
POOL		T-7	RIG	Market 1		\$								
Weatherford	ı		SUPER\	/ISION										
AAGUIIGIIGIG	•		T.A.C.			<b>\$</b> <b>\$</b>	2	3						
			Power S											
Martin Trucl	king Inc.		WATER			\$	<b>25</b>	5						
	g		Foaming	Unit		\$								
			tbg, 66 jt			\$		<b>P</b>						
			i	LANEOUS										
						\$								
			DAILY C	OST		\$								
			PRIOR I	DAY COST		\$				Forema	an: Jim	Hartley		

05/04/2001 8:47 AM

Clawson Spring Ut. 10-415.xls

5-2-01

Ana	darko			( ·	СО	MPLET	ION RI	PORT	(		Rock	Springs Op	erating Are	a
Well:	U	tah 10-41	5	_ Field: _		Cla	wson S	oring	and the second	Day No:	3	3		
Project De	scription:	tubing r	epair	,										
Well Loc:		Sec:	10	Twn:	168	Rng:		8E	-		Er	nery, Uta	ıh	
GL Elevat	ion:			_ KE	Elevatio	n:		11'	_CHF Ele	/ation:				
Casing:	Surface:			_			Prod	luction:	5 1	/2"	. @ _	44	05'	
Perforation	ns	4011 - 4	150'							· · · · · · · · · · · · · · · · · · ·				
Tbg:	2 7/8"	_ @	4	235	T.A.	C. @	3	945'	_ Seat	ing Nippl	e @ _		4203'	
PBTD @	43	60'	Notes:											
						<b></b>								
												***************************************		
AFE#	21556	Well	Code:	128	370	Contr	actor:	POOL:	#808				<del></del>	
												719	I to Rece	.ven
Operating Date	Report Cate	From/To	(anvipro)	Hours	979	Chickey819 M	Flees	C-SG Prose.	MOFTER	BBLIS/D OI	BBL 3/D Water	88L\$/5		BBLB/D Weter
05/03/200	05/04/2001	7:00 am -	11:30 am	4.5										
98, 3/4" rods	s slick - 66, 7	'8" rods slic	< - 7/8"x4',	AC, chrome E 2' pony rods 's prod water,	- 1 1/4"x22	polish rod	w/ 1 1/2"	liner - seat	pump. Fill ar	nd test that	pony rods to 500 PSI	w/g betwe - test ok, i	en each wt Pumped do	bar (4) - wn
FINAL REP	ORT													
VENDOR			WORK D	ONE		COST		1				<del></del>		
POOL			RIG tbg			\$		•						
			SURFAC	E RENTALS				_						
			rod pump	•		\$		<b>?</b>						
Nielson			WATER			\$								
			TRUCKI	NG & VALVE REI	DAIDQ									
			WIRELIN		AIRS									
			Gyptron 7			\$		2						
			3/4" rods			\$ \$								
			DAILY C	OST		\$		.						
			PRIOR D	AY COST		\$				Foreman:	Jim Hartle	у		
			TO CALO TO	TIVE COST		Ψ (								

05/04/2001 8:47 AM

Clawson Spring Ut. 10-415.xls

5-3-01

WINS No:	600	99	CL	AW	ison sp	RING	U	TAH 10-41	5		Ľ	)ate: 1/:	31/2002
AFE No:	nor	ie .		Da	lly Comp	oletlo	n a	nd Worko	ver Re <sub>l</sub>	oort	. C	OL:	
	RKO F		DLEUM CO		DRATION	NAME DR		KARDS WASI	1	SUPERVIS		ieer im Hartley	/
лег 43-015-3039	STAT		ITAH		EME	RY		ROCKY MOU	JNTAINS	RIG NAME		POOL #808	3
URRENT STATUS MIRU - SDFN													A
4 HR FORECAST			*										
1.54	T PI PO		DICE.	150	SMATION				17115	TVD		PBTMD	Inpro/n
LEV G	LELEV		7.00	FOI	RMATION				4,405		(ft)	(ft)	PBTVD (ft)
OB# JOB ST	ART DA	re /2002	JOB	OBJE	CTIVE	TENAN	CE		AUTH COST / \	NI% %	DAY	COST / CUM CO	DST
	1/30	72002			IVIAIIV			DETAILS	ψ/	/0 	<u> </u>		
ASSEMBLY	<del>- 1</del>	SIZE	INST DA	TEI	FROM (ft)	TO (		DESCRIPTION	ON	<u></u>	•		·
Surface Casir	ng	8.62	- 61 1.71 Y 1 743-		0	0			<u> </u>				
Production Ca		5.5			0	4,405		5.5", 17#, N-					
Production Tu	gniai	2.87			0.	4,233	3.0	2.872", 6.5#	, J-55, 133	s jts			
Plug Back			-		, 0	4,360							
Seating nipple					0	4,20							
Production Tu	ubing	2.87	1,174,		0	4,233		DEQ.	Marie (1964) " The Constitution				
ZONE	<u> </u>		DATE		SIDETI	RCK#	151540	RFS STATUS	TYF	唯 I	TO	P (ft)	BASE (ft)
			7,11		O			OPEN	Perfor			11.00	4,150.00
CLAS CODE	SUB	DES	CRIPTION		VAC VALUE	e distrib		nove horse he COST VENI	DOR				AMOUNT
			vork Rig Co er & Water		امط			Pool Niels	Well Servi	ce			
282 1600	1604	BOP	Equipmen					1	herford				
	1702							Niels	on				
282   2300	2301	Cont	ingency										
								· ·	•				
								•	,	•			
		<del>-</del>	5 AM			J*** 1							

**RECEIVED:** Apr. 17, 2012

43-015-30391	TATE		COUNTY	DRUN	DIVISION	1	RIG NAME		Jim Hai		
		HATL	EME	RY	ROCKY MOU		RIG NAME	•	POOL	#808	
URRENT STATUS SDFN						1					
HR FORECAST					***				<del></del> ,		
.EV GL E	EV	RKB F	ORMATION			TMD	TVD		DOTAL		1007/0
Ì		7.00	ONINATION			4,405 (		(ft)	<b>РВТМ</b> І 4,3	, 60 (ft)	PBTVD (ft)
B# JOB START	DATE /30/2002	JOB OB		TENANCE	AU	тн соsт / w \$ /		DA'	Y COST / C	UM COS	T
<u>'</u>			1707-1111		3 DETAILS	Ψ1	/0				
SSEMBLY	SIZE	INST DATE	FROM (ft)	TO (ft)	DESCRIPTIO	N	1		1 14 15 1 4.		<del> </del>
urface Casing	8.62		0	0		7.					
roduction Casi			0	4,405.0	5.5", 17#, N-8						
roduction Tubir	ng 2.87	· ·	0	4,254.0	2.375", 4.7#,	J- <b>5</b> 5, 133	jts	-			
lug Back			0	4,360.0	Fill @ 4340'						·
eating nipple			0	4,222.0	@ 1010						-/
roduction Tubir			0	4,233.0							
	5.5"		0	3,963.0		_					
AC				Р	⊒ <b>स</b> 25993						
AC	5.5"	DATE	SIDETE	RCK#	STATUS	TYP			DP (ft)		
ONE  Inseat pump, Pickel plated TA	OOH W/ C. SDFI	rods & pump, I	SIDETF OF ay down pun RIPTION pressure off wn pump. ch ' tbg - tag fill	SUNDERATION OF THE PROPERTY OF	OPEN OPEN OPEN ON DETAILS of pump @ 4,200 to tobg - bleed p OOH w/ tbg - e	Perfora  Per	I @ 43	4,0 40'. No s & pu ip on E 75" pro	otched point #11 BOP - taged. The	15, 2. lly & p	4,150.00 jt w/ hole, 5"x1.5"x20' ick up 4 jts
ONE Inseat pump, Plickel plated TA	OOH W/ C. SDFI	rods & pump, l	SIDETF OF  ay down pun  RIPTION  pressure off wn pump. ch ' tbg - tag fill g equip to 2.3 e - PSN 8 jts set 5.5" TAC lange w/ 10,0	TOPERATION OF THE PROPERTY OF	OPEN OPEN OPEN OPEN OPEN OPEN OPEN OPEN	Perfora Pits, tag fl O' - POOH press off cotc - lay do dyw 2.375 tted TAC. 1.66' - EO	H w/ rodesg - strown 2.8 " prod t 124 jts T @ 42	4,0 40'. No is & pu ip on E 75" pro bg as f 2.375' 53.75"	mp #11 BOP - ta od. Tbg, follows:	15, 2. lly & p 133 j notch 3rd tbg	4,150.00 jt w/ hole, 5"x1.5"x20' ick up 4 jts ts - PSN - t ed pinned g - strip off
ONE Inseat pump, Plickel plated TA	OOH W/ C. SDFI	rods & pump, l	SIDETF OF  ay down pun  RIPTION  pressure off wn pump. ch ' tbg - tag fill g equip to 2.3 e - PSN 8 jts set 5.5" TAC	RCK# SUM The S	OPEN  OPEN  MMARY  BOP, pick up 4  ON DETAILS  at pump @ 4,200  to tbg - bleed p  OOH w/ tbg - e  ally pick up - RII-  - 5.5" nickel pla  55' - SN @ 4,221  n on tbg - put w	Perfora Pits, tag fl O' - POOH press off cotc - lay do dyw 2.375 tted TAC. 1.66' - EO	H w/ rodesg - strown 2.8 " prod t 124 jts T @ 42	4,0 40'. No is & pu ip on E 75" pro bg as f 2.375' 53.75"	mp #11 BOP - ta od. Tbg, follows:	15, 2. lly & p 133 j notch 3rd tbg	4,150.00 jt w/ hole, 5"x1.5"x20' ick up 4 jts ts - PSN - t ed pinned g - strip off
ONE  nseat pump, P ickel plated TA  HOURS 7:00-18:00 11.	OOH w/ C. SDFI JR COD	FOR SUB DESC Bleed lay do 2.875 jt - ch w/ hol BOP - KTH f close	SIDETF OF  ay down pun  RIPTION  pressure off wn pump. ch ' tbg - tag fill g equip to 2.3 e - PSN 8 jts set 5.5" TAC lange w/ 10,0 well in for nig	TOPERATION OF THE PROPERTY OF	OPEN MMARY BOP, pick up 4 ON DETAILS at pump @ 4,200 to tbg - bleed p POOH w/ tbg - e ally pick up - RIH - 5.5" nickel pla 55' - SN @ 4,221 n on tbg - put w	Perfora Pits, tag fil 0' - POOF press off cotc - lay do 1 w 2.375 ted TAC. 1.66' - EO ell head e	I @ 43. I w/ rod sg - str own 2.8 prod t 124 jts T @ 42 stc back	4,0 40'. No is & pu ip on E 75" pro bg as f 2.375' 53.75"	mp #11 BOP - ta od. Tbg, follows:	15, 2. lly & p 133 j notch 3rd tbg	4,150.00  jt w/ hole,  5"x1.5"x20' ick up 4 jts ts - PSN - t ed pinned g - strip off Cameron to to rods -
nseat pump, Pickel plated TA  HOURS DU 7:00-18:00 11.	OOH w/ C. SDFI JR COD 00	E SUB DESC Bleed lay do 2.875' jt - ch w/ hol BOP - KTH f close	SIDETF OF  ay down pun  RIPTION  pressure off wn pump. ch ' tbg - tag fill g equip to 2.3 e - PSN 8 jts set 5.5" TAC lange w/ 10,0 well in for nig	TOPERATION OF THE PROPERTY OF	OPEN  MMARY  BOP, pick up 4  ON DETAILS  at pump @ 4,200  to tbg - bleed p  OOH w/ tbg - e  ally pick up - Rif-  - 5.5" nickel pla  55' - SN @ 4,221  n on tbg - put w	Perfora Pits, tag fl O' - POOH press off cotc - lay do dyw 2.375 tted TAC. 1.66' - EO	H w/ rod sg - str own 2.8 prod t 124 jts T @ 42 stc back	4,0 40'. No is & pu ip on E 75" pro bg as f 2.375' 53.75"	mp #11 BOP - ta od. Tbg, follows:	15, 2. lly & p 133 j notch 3rd tbg	4,150.00  jt w/ hole,  5"x1.5"x20' ick up 4 jts ts - PSN - t ed pinned g - strip off Cameron to to rods -
ONE  nseat pump, P ickel plated TA  HOURS DI 7:00-18:00 11.	OOH w/ C. SDFI JR COD 00 JB DES 10 Day 06 Wat	FOR SUB DESCO Bleed lay do 2.875 jt - che W/ hol BOP - KTH f close CRIPTION work Rig Costs er & Water Hau	SIDETF OF  ay down pun  RIPTION  pressure off wn pump. ch ' tbg - tag fill g equip to 2.3 e - PSN 8 jts set 5.5" TAC lange w/ 10,0 well in for nig	TOPERATION OF THE PROPERTY OF	OPEN  MMARY  BOP, pick up 4  ON DETAILS  at pump @ 4,200  to tbg - bleed p  OOH w/ tbg - e  ally pick up - Rif-  - 5.5" nickel pla  55' - SN @ 4,221  n on tbg - put w  VENDO  Pool W  Nielsor	Perfora Pits, tag fi O' - POOP Press off cetc - lay do I w 2.375 Ited TAC. I.66' - EO ell head e	H w/ rod sg - str own 2.8 prod t 124 jts T @ 42 stc back	4,0 40'. No is & pu ip on E 75" pro bg as f 2.375' 53.75"	mp #11 BOP - ta od. Tbg, follows:	15, 2. lly & p 133 j notch 3rd tbg	4,150.00  jt w/ hole,  5"x1.5"x20' ick up 4 jts ts - PSN - t ed pinned g - strip off Cameron to to rods -
AC  ONE  nseat pump, P ickel plated TA  HOURS 7:00-18:00 11.  LAS CODE St. 82 1100 11 82 1500 15 82 1600 16	OOH w/ C. SDFI JR COD 00 00 JB DES 10 Day 06 Wat 04 BOF	FOR SUB DESCO Bleed lay do 2.875 jt - che w/ hol BOP - KTH f close CRIPTION work Rig Costs er & Water Hau Equipment	SIDETF OF  ay down pun  RIPTION  pressure off wn pump. ch ' tbg - tag fill g equip to 2.3 e - PSN 8 jts set 5.5" TAC lange w/ 10,0 well in for nig	TOPERATION OF THE PROPERTY OF	OPEN  MMARY  BOP, pick up 4  ON DETAILS  at pump @ 4,200  to tbg - bleed p  OOH w/ tbg - e  ally pick up - Rif-  - 5.5" nickel pla  55' - SN @ 4,221  n on tbg - put w  VENDO  Pool W  Nielsor  Weather	Perfora  Pits, tag fi  O' - POOHoress off cetc - lay do H w 2.375 Ited TAC. I.66' - EO ell head e	H w/ rod sg - str own 2.8 prod t 124 jts T @ 42 stc back	4,0 40'. No is & pu ip on E 75" pro bg as f 2.375' 53.75"	mp #11 BOP - ta od. Tbg, follows:	15, 2. lly & p 133 j notch 3rd tbg	4,150.00  jt w/ hole,  5"x1.5"x20' ick up 4 jts ts - PSN - t ed pinned g - strip off Cameron to to rods -
AC  ONE  Inseat pump, Pickel plated TA  HOURS 7:00-18:00 11.  LAS CODE St. 282 1100 11. 282 1500 15. 282 1600 16. 282 1700 17	OOH w/ C. SDFI JR COD 00 00 JB DES 10 Day 06 Wat 04 BOF 02 Truc	FOR SUB DESCO Bleed lay do 2.875 jt - che w/ hol BOP - KTH f close CRIPTION work Rig Costs er & Water Hau Equipment king	SIDETF OF  ay down pun  RIPTION  pressure off wn pump. ch ' tbg - tag fill g equip to 2.3 e - PSN 8 jts set 5.5" TAC lange w/ 10,0 well in for nig	TOPERATION OF THE PROPERTY OF	OPEN  MMARY  BOP, pick up 4  ON DETAILS  at pump @ 4,200  to tbg - bleed p  OOH w/ tbg - e  ally pick up - Rif-  - 5.5" nickel pla  55' - SN @ 4,221  n on tbg - put w  VENDO  Pool W  Nielsor	Perfora  Pits, tag fi  O' - POOHoress off cetc - lay do H w 2.375 Ited TAC. I.66' - EO ell head e	H w/ rod sg - str own 2.8 prod t 124 jts T @ 42 stc back	4,0 40'. No is & pu ip on E 75" pro bg as f 2.375' 53.75"	mp #11 BOP - ta od. Tbg, follows:	15, 2. lly & p 133 j notch 3rd tbg	jt w/ hole, 5"x1.5"x20' ick up 4 jts ts - PSN - t ed pinned g - strip off Cameron
AC ONE Inseat pump, P lickel plated TA  HOURS 7:00-18:00 11.  LAS CODE St 282 1100 11 282 1500 15 282 1600 16	OOH w/ C. SDFI JR COD 00 00 JB DES 10 Day 06 Wat 04 BOF 02 Truc 01 Con	FOR SUB DESCO Bleed lay do 2.875 jt - che w/ hol BOP - KTH f close CRIPTION work Rig Costs er & Water Hau Equipment king lingency	SIDETF OF  ay down pun  RIPTION  pressure off wn pump. ch ' tbg - tag fill g equip to 2.3 e - PSN 8 jts set 5.5" TAC lange w/ 10,0 well in for nig	TOPERATION OF THE PROPERTY OF	OPEN  MMARY  BOP, pick up 4  ON DETAILS  at pump @ 4,200  to tbg - bleed p  OOH w/ tbg - e  ally pick up - Rif-  - 5.5" nickel pla  55' - SN @ 4,221  n on tbg - put w  VENDO  Pool W  Nielsor  Weather	Perfora  Pits, tag fi  O' - POOHoress off cetc - lay do H w 2.375 Ited TAC. I.66' - EO ell head e	H w/ rod sg - str own 2.8 prod t 124 jts T @ 42 stc back	4,0 40'. No is & pu ip on E 75" pro bg as f 2.375' 53.75"	mp #11 BOP - ta od. Tbg, follows:	15, 2. lly & p 133 j notch 3rd tbg	4,150.00  jt w/ hole,  5"x1.5"x20' ick up 4 jts ts - PSN - t ed pinned g - strip off Cameron to to rods -

97 NO.   OPERATO 3 ANADAR  1 3-015-30391	estate DA	D		RING U detion a	nd Worko		oort	DOL:	
4	OR KO DETE	OLEUM CORE	FIELD	NAME DRIIN	KARDS WASI	-	SUPERVIS	or/engineer Jim Hartley	1
3-015-30391	STATE		COUNTY		DIVISION		RIG NAME		
IRRENT STATUS		UTAH	EME	RY	ROCKY MOI	JN I AINS		POOL #80	
RDMO									
HR FORECAST Out back on pr	roduction								
	ELEV		ORMATION			TMD 4,405	(ft) TVD	(ft) PBTMD 4,360 (	(ft) PBTVD
B# JOB STA	RT DATE	7.00 JOB OB	JECTIVE			AUTH COST /	WI%	DAY COST / CUM C	
	1/30/200			TENANCE		\$ /	<b>'</b> %		
				the second of the second of the second	DETAILS	AN .			
SSEMBLY urface Casing	g 8.62	and the state of t	FROM (ft)	<b>TO (ft)</b>	DESCRIPTI	VN	William .		
oduction Ca			0	4,405.0	5.5", 17#, N				
oduction Tul			, 0	4,254.0	2.375", 4.7#	, J-55, 12	4 jts		
ug Back			0	4,360.0	Fill @ 4340				
eating nipple			0	4,222.0					
roduction Tul	10		0	4,233.0 3,963.0					
AC	5.5		117 ( ) / (1) ( ) ( )		ERFS				
ONE				19. 10. 10. 10. 14. 14. 14. 14. 14. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	STATUS	TY	PE	TOP (ft)	BASE (ft)
- 1 T-0-		DATE	SIDET	RCK#	DIAIUS				
troke test pu		DE SUB DES Bleed 189" seat	pump action,  CRIPTION  d press. off the stroke) RIH v pump fill tbg	H SUI - hang off OPERATION og - pick up w/ pump 10: - stroke tes	OPEN  WMARY  rods - RDMO  ION DETAILS  test pump (Tr 275", 654	Perfo	oumping 2"x1.5" 2 - 2'x.8	4,011.00	4,150.00 e bbl, PA plun od - space out
Stroke test pu	DUR CO	DE SUB DES Bleed 189" seat start	pump action,  CRIPTION d press. off to stroke) RIH v pump fill tbg well pumping	H SUI - hang off OPERAT og - pick up w/ pump 10: - stroke tes	OPEN  WMARY  rods - RDMO  ION DETAILS  test pump (Tr 275", 654	Perfo	oumping 2"x1.5" 2 - 2'x.8	4,011.00 , x20' RWAC bronz 375" subs, polish r	4,150.00 e bbl, PA plun od - space out
HOURS 7:00-11:00	<b>DUR   CO</b> 4.00	DE SUB DES Bleed 189" seat start Char	pump action,  CRIPTION  d press. off the stroke) RIH v pump fill tbg	H SUI - hang off I OPERATION OF PROPERTION O	OPEN WMARY rods - RDMO ION DETAILS test pump (Tr 275", 654 t pump 500# h	Performance Start well particles ico #1137, 875", rods neld - good	oumping 2"x1.5" 2 - 2'x.8	4,011.00 , x20' RWAC bronz 375" subs, polish r	4,150.00 e bbl, PA plun od - space out ods - RDMO -
HOURS 7:00-11:00	DUR   CO 4.00	DE SUB DES Bleed 189" seat start Char	pump action, CRIPTION d press, off to stroke) RIH v pump fill tbg well pumping nge tbg 2.875	H SUI - hang off I OPERATION OF PROPERTION O	OPEN MMARY rods - RDMO ION DETAILS test pump (Tr 275", 65 t pump 500# h	Performance Start well particle #1137, gr5", rods meld - good	pumping 2"x1.5" 2 - 2'x.8 i pump a	4,011.00 , x20' RWAC bronz 375" subs, polish r	4,150.00 e bbl, PA plun od - space out ods - RDMO -
HOURS 7:00-11:00	DUR   CO 4.00   SUB   DE 1110   Da	DE SUB DES Bleed 189" seat start Char	pump action,  CRIPTION  d press. off the stroke) RIH v pump fill tbg well pumping nge tbg 2.875	H SUI - hang off I OPERATION OF PROPERTION O	OPEN MMARY rods - RDMO ION DETAILS test pump (Tr 275", 654 t pump 500# h	Performance Start well particles ico #1137, 375", rods neld - good	pumping 2"x1.5" 2 - 2'x.8 i pump a	4,011.00 , x20' RWAC bronz 375" subs, polish r	4,150.00 e bbl, PA plun od - space out ods - RDMO -
HOURS 7:00-11:00  ELAS CODE 282 1100 282 1500 282 1600	DUR CO 4.00 SUB DE 1110 DE 1506 W 1604 BO	DE SUB DES Bleed 189" seat start Char  SCRIPTION ywork Rig Cos ater & Water Ha DP Equipment	pump action,  CRIPTION  d press. off the stroke) RIH v pump fill tbg well pumping nge tbg 2.875	H SUI - hang off I OPERATION OF PROPERTION O	OPEN MMARY rods - RDMO ION DETAILS test pump (Tr 275", 65 t pump 500# h Pool Niel Wes	Performance Start well particles #1137, gr5", rods groot gro	pumping 2"x1.5" 2 - 2'x.8 i pump a	4,011.00 , x20' RWAC bronz 375" subs, polish r	4,150.00 e bbl, PA plun od - space out ods - RDMO -
HOURS 7:00-11:00  ELAS CODE 282 1100 282 1500 282 1600 282 1700	SUB DE 1110 DE 1506 W 1604 BC 1702 Tr	DE SUB DES Bleed 189" seat start Char  SCRIPTION ywork Rig Cos ater & Water Ha DP Equipment ucking	pump action,  CRIPTION  d press. off the stroke) RIH v pump fill tbg well pumping nge tbg 2.875	H SUI - hang off I OPERATION OF PROPERTION O	OPEN MMARY rods - RDMO ION DETAILS test pump (Tr 275", 65 t pump 500# h  Y COST  VEN Pool Niel	Performance Start well particles #1137, gr5", rods groot gro	pumping 2"x1.5" 2 - 2'x.8 i pump a	4,011.00 , x20' RWAC bronz 375" subs, polish r	4,150.00 e bbl, PA plun od - space out ods - RDMO -
HOURS 7:00-11:00  ELAS CODE 282 1100 282 1500 282 1600 282 1700 282 2300	SUB DE 1110 DE 1506 W 1604 BC 1702 Tr 2301 Cc	DE SUB DES Bleed 189" seat start Char  SCRIPTION ywork Rig Cos ater & Water Ha DP Equipment ucking intingency	pump action,  CRIPTION  d press. off the stroke) RIH v pump fill tbg well pumping nge tbg 2.875	H SUI - hang off I OPERATION OF PROPERTION O	OPEN MMARY rods - RDMO ION DETAILS test pump (Tr 275", 65 t pump 500# h Pool Niel Wes	Performance Start well particles #1137, gr5", rods groot gro	pumping 2"x1.5" 2 - 2'x.8 i pump a	4,011.00 , x20' RWAC bronz 375" subs, polish r	4,150.00 e bbl, PA plun od - space out ods - RDMO -
HOURS 7:00-11:00  SLAS CODE 282 1100 282 1500 282 1600 282 1700 282 2300 283 1000 283 2000	SUB DE 1110 DE 1506 W 1604 BC 1702 Tr 2301 CC 1002 TE 2002 ro	DE SUB DES Bleed 189" seat start Char  SCRIPTION ywork Rig Cos ater & Water Ha DP Equipment ucking	pump action,  CRIPTION  d press. off the stroke) RIH v pump fill tbg well pumping nge tbg 2.875	H SUI - hang off I OPERATION OF PROPERTION O	OPEN MMARY rods - RDMO ION DETAILS test pump (Tr 275", 65 t pump 500# h Pool Niel Wes	Performance Start well particles #1137, gr5", rods groot gro	pumping 2"x1.5" 2 - 2'x.8 i pump a	4,011.00 , x20' RWAC bronz 375" subs, polish r	4,150.00 e bbl, PA plun od - space out

Sundry	/ Number:	24884	API Well	Number:	43015303910000
Ouridi	, Hallibel.	<b>2</b> 7007 /	AI I **CII	Humber.	T30 133033 10000

		9				TAH 10-41					
FE No:	NON	E	Da	_		nd Worko	ver Re	port	DOL:	1	
PT NO. OPERAT	OR RKO PE	TROL	EUM CORP	ORATION	NAME DRUNI	KARDS WASH	1		JIM HART	TLEY /	
ગ	STATE	UT		COUNTY		DIVISION WESTE	RN	RIG NAME	: POOL#	#808	
3-015-30391 IRRENT STATUS					<u>' '                                  </u>						
IIRU POOH	W/ ROI	OS & F	PUMP								
HR FORECAST							TMD	TVD	PBTMD	) PBT	VD
.EV G	L ELEV	R	7.00	ORMATION			(f	t)		(ft)	(ft)
B# JOB ST	ART DATE 1/29/2		JOB OBJ	ECTIVE MAIN	TENANCE	A	TH COST	/wi% 5 / %	DAY COST / C	JMCOST	
	1/29/2	.003		1		DETAILS					
SSEMBLY			INST DATE		TO (ft)	DESCRIPTION	NC				
AC		.5"	-	0	3,932.0 4,190.0						
eating nipple lug Back	e			. 0	4,360.0	Fill @ 4340'					
roduction Tu	ubing 2.	375"		0	4,222.0	4.7#, J-55, 1	31 jts				
roduction C	asing	5.5	-	0	4,405.0	5.5", 17#, N	-80				
TOURGUION O		.62		0	0						
Surface Casi	ng E	1.02			J						
	ng   8	1.02	DATE		P	ERFS STATUS	T	YPE	TOP (ft)	BAS	SE (ft)
	ng   8		DATE	SIDETI	PI RCK#	ERFS STATUS OPEN		<b>YPE</b> forated	TOP (ft) 4,011.00		SE (ft) 50.00
ONE	- M			SIDETI	PI RCK#	STATUS					
ONE	- M			SIDETI	PI RCK# H SUI	STATUS OPEN MMARY	Perf				
ONE  MIRU POOH  HOURS	W/RO	·   DS &	PUMP SUB DESC	SIDETI O	PIRCK#   SUI	OPEN MMARY  ON DETAILS  QUIP FROM C	Perf	orated  -3 TO CS	4,011.00 UTAH # 10-41 PUMP @ 4190	5 (2.6 MI) S	SET RODS
ONE  MIRU POOH  HOURS	W/RO	·   DS &	PUMP  SUB DESC  12:00  EQUI  PUM  EQUI  ON E  EQUI  RIG	SIDETI O CRIPTION D NOON MOV IP STAND UF P LAY DOWI IP TO TBG B BOP TALLY 8 IP POOH W/ DOWN PRS	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP ! TBG ETC RIH W/ 53	OPEN MMARY  ON DETAILS  QUIP FROM OF PRESS OF PRESS OF CSG 5 JTS 23/8" TE	Perf	-3 TO CS JNSEAT 'X20' PA) OL RELE FILL @ 4	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P (BAD) 21#3 248	5 (2.6 MI) S ' POOH W/ D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG
ONE  MIRU POOH  HOURS	W/RO	·   DS &	PUMP  SUB DESC  12:00  EQUI  PUM  EQUI  ON E  EQUI  RIG	SIDETI OI DINOON MOV IP STAND UF P LAY DOWI IP TO TBG B BOP TALLY 8	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  ION DETAILS  QUIP FROM CED PRESS OF RICO # 1264 2 SS OFF CSG 5 JTS 23/8" TE 131 JTS 23/8" JTS TBG #'S	Perf	-3 TO CS JNSEAT 'X20' PA) OL RELE FILL @ 4	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P	5 (2.6 MI) S ' POOH W/ D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG
ONE MIRU POOH HOURS 2:00-18:00	W/ RO	DS &	PUMP  SUB DESC 12:00 EQUI PUM EQUI ON E EQUI RIG NIGH	SIDETI O CRIPTION D NOON MOV IP STAND UF P LAY DOWI IP TO TBG B BOP TALLY 8 IP POOH W/ DOWN PRS	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  OPEN MMARY  ON DETAILS  QUIP FROM C ED PRESS OF RICO # 1264 2 SS OFF CSG 5 JTS 23/8" TE 131 JTS 23/8" JTS TBG #'S	Perf	-3 TO CS JNSEAT 'X20' PA) OL RELE FILL @ 4	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P (BAD) 21#3 248	5 (2.6 MI) \$ ' POOH W/D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG
MIRU POOH  HOURS 2:00-18:00	DUR   6.00	DS &	PUMP  SUB DESC 12:00 EQUI PUM EQUI ON E EQUI RIG NIGH	SIDETION ONOON MONIP STAND UP LAY DOWN PTO TBG BOP TALLY 8 IP POOH W/DOWN PRS HT 6:00 PM S	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  OPEN MMARY  OPEN   Perf CSS # C- F TBG U ""X11/2" CONTR BG TAG SORTIN 1 2 & 3 F	-3 TO CS JNSEAT 'X20' PA) OL RELE FILL @ 4	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P (BAD) 21#3 248	5 (2.6 MI) \$ ' POOH W/D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG N FOR	
MIRU POOH  HOURS 2:00-18:00  CLAS CODE 282 1100 282 1100	DUR 6.00 6.00 1110 1122	DS &	PUMP  SUB DESC  12:00 EQUI PUM EQUI ON E EQUI RIG NIGH  CRIPTION ork Rig Cost lar Inspect S	SIDETI OI DINOON MON IP STAND UI P LAY DOWI IP TO TBG B BOP TALLY 8 IP POOH W/ DOWN PRS IT 6:00 PM S	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  ION DETAILS  QUIP FROM CED PRESS OF RICO # 1264 2 SS OFF CSG 5 JTS 23/8" TE 131 JTS 23/8" JTS TBG #'S  Y COST  VEN POC	Perf CSS # C- F TBG U ""X11/2" CONTR 3G TAG SORTIN 1 2 & 3 F	-3 TO CS JNSEAT IX20' PA) OL RELE FILL @ 4 NG 78#4 (	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P (BAD) 21#3 248	5 (2.6 MI) \$ ' POOH W/D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG N FOR
CLAS CODE 282 1100 282 1200	DUR 6.00 6.00 1110 1112 1200	DS &	PUMP  SUB DESC  12:00 EQUI PUM EQUI ON E EQUI RIG NIGH ORK Rig Cost lar Inspect S and Chemica	SIDETI OI DINOON MON IP STAND UI P LAY DOWI IP TO TBG B BOP TALLY 8 IP POOH W DOWN PRS IT 6:00 PM S	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  ION DETAILS  QUIP FROM CED PRESS OF RICO # 1264 2 SS OFF CSG 5 JTS 23/8" TE 131 JTS 23/8" JTS TBG #'S  Y COST  VEN POC PRS CHA	Perf CSS # C- F TBG U ""X11/2" CONTR 3G TAG SORTIN 1 2 & 3 F	-3 TO CS JNSEAT IX20' PA) OL RELE FILL @ 4 NG 78#4 (FOR KILL	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P (BAD) 21#3 249	5 (2.6 MI) \$ ' POOH W/D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG N FOR
CLAS CODE  282 1100 282 1200 282 1500 282 1600	BUR 6.00 6.00 1110 1122 1200 1506 1604	DS &  CODE  DESC  Dayw Tubu  Mud  Wate  BOP	PUMP  12:00 EQUI PUM EQUI ON E EQUI RIG NIGH  CRIPTION OR Rig Cost dar Inspect S and Chemica or & Water Hi Equipment	SIDETI OI DINOON MON IP STAND UI P LAY DOWI IP TO TBG B BOP TALLY 8 IP POOH W DOWN PRS IT 6:00 PM S	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  OPEN MMARY  OPEN MMARY  ON DETAILS  QUIP FROM CED PRESS OF RICO # 1264 2 SS OFF CSG 5 JTS 23/8" TE 131 JTS 23/8" JTS TBG #'S  Y COST  VEN POC PRS CHA NIEL WE	Perf CSS # C- F TBG U 2"X11/2" CONTR 3G TAG SORTIN 1 2 & 3 F DOR DL MPION SONS ATHERE	-3 TO CS JNSEAT IX20' PA) OL RELE FILL @ 4 NG 78#4 (FOR KILL	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P (BAD) 21#3 249	5 (2.6 MI) \$ ' POOH W/D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG N FOR
CLAS CODE  282 1100 282 1200 282 1500 282 1600 282 1700	BUR 6.00 6.00 1110 1122 1200 1506 1604 1702	DS &  CODE  DESC  Dayw Tubu  Mud  Wate  BOP  Truck	PUMP  12:00 EQUI PUM EQUI ON E EQUI RIG NIGH  CRIPTION OR Rig Cost dar Inspect S and Chemica or & Water Hi Equipment	SIDETI OI DINOON MON IP STAND UI P LAY DOWI IP TO TBG B BOP TALLY 8 IP POOH W DOWN PRS IT 6:00 PM S	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  OPEN MMARY  OPEN MMARY  ON DETAILS  QUIP FROM CED PRESS OF RICO # 1264 2 SS OFF CSG 5 JTS 23/8" TE 131 JTS 23/8" JTS TBG #'S  Y COST  VEN POC PRS CHA NIEL WE	Perf CSS # C- F TBG U ""X11/2" CONTR 3G TAG SORTIN 1 2 & 3 F	-3 TO CS JNSEAT IX20' PA) OL RELE FILL @ 4 NG 78#4 (FOR KILL	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P (BAD) 21#3 249	5 (2.6 MI) \$ ' POOH W/D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG N FOR
CLAS CODE 282 1100 282 1200 282 1500 282 1600 282 1700 282 2300	SUB 1110 1122 1200 1506 1604 1702 2301	DS &  CODE  DESC  Dayw Tubu Mud Wate BOP Truck	PUMP  12:00 EQUI PUM EQU ON E EQU RIG NIGH  CRIPTION ork Rig Cost lar Inspect S and Chemica or & Water Hi Equipment cing	SIDETI OI DINOON MON IP STAND UI P LAY DOWI IP TO TBG B BOP TALLY 8 IP POOH W DOWN PRS IT 6:00 PM S	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  OPEN MMARY  OPEN MMARY  ON DETAILS  QUIP FROM CED PRESS OF RICO # 1264 2 SS OFF CSG 5 JTS 23/8" TE 131 JTS 23/8" JTS TBG #'S  Y COST  VEN POC PRS CHA NIEL WE/ NIEL	Perf CSS # C- F TBG U "X11/2" CONTR 3G TAG SORTIN 1 2 & 3 F  DOR DL MPION SONS ATHERF LSON'S	-3 TO CS JNSEAT IX20' PA) OL RELE FILL @ 4 NG 78#4 (FOR KILL	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE ASE 51/2" TA/ 335' RIG UP P (BAD) 21#3 249	5 (2.6 MI) \$ ' POOH W/D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG N FOR
CLAS CODE  282 1100 282 1500 282 1500 282 1700 282 1300 282 1300 283 1000 283 2000	SUB 1110 1122 1200 1506 1702 0 2301 0 2002	DS &  CODE  DESC Dayw Tubu Mud Wate BOP Truck Conti	PUMP  12:00 EQUI PUM EQU ON E EQU RIG NIGH  CRIPTION ork Rig Cost lar Inspect S and Chemica or & Water Hi Equipment cing	SIDETI OI CRIPTION DINOON MON IP STAND UP PLAY DOWN IP TO TBG B BOP TALLY 8 IP POOH W/ DOWN PRS AT 6:00 PM S IS ervices als auled	PIRCK# H SUI OPERAT /E RIG & E P RIG BLEE N PUMP (T BLEED PRE A PICK UP (T TBG ETC RIH W/ 53 GDFD	OPEN MMARY  OPEN MMARY  OPEN MMARY  ON DETAILS  QUIP FROM C ED PRESS OF RICO # 1264 2 SS OFF CSG 5 JTS 23/8" TE 131 JTS 23/8" JTS TBG #'S  Y COST  VEN POC PRS CHA NIEL WE NIEL ANA WE WE	Perf CSS # C- F TBG U "X11/2" CONTR 3G TAG SORTIN 1 2 & 3 F  DOR DL MPION SONS ATHERF LSON'S ADARKO	-3 TO CS JNSEAT (X20' PA) (OL RELE FILL @ 4 NG 78#4 (FOR KILL FORD	4,011.00 UTAH # 10-41 PUMP @ 4190 PUMP TESTE! ASE 51/2" TA/ :335' RIG UP P (BAD) 21#3 249 STRING CLOS	5 (2.6 MI) \$ ' POOH W/D GOOD C C @ 3932' RS TBG IN #2 & 8#1 J	SET / RODS :HG STRIP ISP TS TBG N FOR

INS No:	600	199		CLAV	vson s	SPRI	NG U	TAH 10-41	5			Da	te: 1/31	
-								nd Worko		port		DC	L: 2	
E NO:	NO			<del></del>	F	FIELD NAM	E			SUPER	VISOR / E	NGINEE	R IARTLEY	1
2 ANADA	RKO I	PETR	OLE	UM CORF	ORATION	N	DRUN	KARDS WAS	<u> </u>	RIG NA	ME			
-015-3039	STA		UTAŀ	4	COUNTY	MERY		WEST	ERN			PC	OL #808	
		. amiki		DMO EII	IAL DED	ORT								
ART WEL		MPING	3 - K	DMO - FII	AVE IVE									
IT BACK	ON PF	RODU		N					TMD	Т	VD		PBTMD	PBTVD
v	GL ELE	<b>V</b>	RKB	7.00	ORMATION				4,405		(ft)		4,360 (ft)	
# JOBS	TART D	ATE			JECTIVE	WORK	OVER		AUTH COST	/WI%		DAY CO	ST / COM CO.	
	1/2	9/200	3					G DETAILS	<u> </u>					
		0.37		NST DATE	EPOM		TO (ft)	DESCRIPT	ION					
SEMBLY		8.625		VSI DATE	PROW 0	(14)	0							
rface Cas oduction C	Cagino				' 0		4,405.0				4 170			
bing	Jasing	2.87			0		4,170.8	6.5#, J-55,	POLYLIN	IED, 13	34 118			
OVER			-		0		1.0	N-80, 2.87	5"x2.375"	, @ 4,1	10.10			
5 SN		2.37	5"		0		1.1	N-80, @ 4	7 / 0.45	1 177	60¹			7
VC		5.5	17		0		3.4	BAKER 43	0 4 4 00 0 4 4 00	4,1//. Q5'	<u></u>			
P JT W/H	IOLE	2.37	5"		0		31.0	4.7#, J-55	<u>(W</u> 4, 100	.30				
TC					0		4,212.0		335'					
BTD					0		4,360.0		000					
								PERFS	Т	YPE		TOP	(ft)	BASE (ft)
ONE				DATE	SII	DETRO	K #	STATUS		forated	_	4,01		4,150.00
							11.11		PAL					
						OH		OPEN	Per	iorateu		7,01	1.00	
HOURS	DL	JR CC		SUB DES	CRIPTIO AM BLE	OH QUIP TO ON EED PR	SI D 27/8" DPERA ESS OI	OPEN  UMMARY  TION DETAIL  FF WELL COI	S NTROL PO	OOH W	// 53 J <sup>-</sup>	TS 23/	/8" TBG L	AYING DOWN 2" BAKER 43=1
HOURS	DL	JR CC		SUB DES 7:00 CH B-2 SE CA CH RW	SCRIPTION  AM BLE  GEQUIP  TA/C PS  T 51/2" BA  MERON	OH  QUIP TO  ON  EED PRI TO 27/ SN X-OV  AKER T  KTH FL  TO RO  NIZE BE	SID 27/8" DESS OF SERVICE OF SERV	OPEN  UMMARY  TION DETAIL  FF WELL CON RIH W/ 23/8" 4 JTS 27/8" P 4177.60' PSN W/ 15,000# TI USH TBG PICA PLUNGER 1	S  NTROL PO NOTCHE OLY LINE @ 4176.9 ENSION O K UP TES 51" STRO	OOH WED PINI D TBG 54' EO' ON TBC ST PUN OKE) R	II 53 J' NED J' RIG U T @ 42 3 PUT MP (TR IH W/	TS 23/ T W/ H JP FL0 211.95 WELL RICO # PUMF RODS	/8" TBG L. HOLE 51/2 DOR STR I' LAND TI HEAD E' WP-014 P 15-7/8" V	IP OFF BOP BG ON TC TOGETHE! 2"X11/2"X16' N/G 68-3/4" W ROD SPACE
HOURS	DL	JR CC		SUB DES 7:00 CH B-2 SE CA CH RW 33- OF	GCRIPTION  AM BLE  GEQUIP  TA/C PS  T51/2" BA  MERON MERON MERON  GEQUIP  /AC BROI  3/4" SLIC  IT SEAT F  RODS I  WAL REPON  APPROX	OH  QUIP TO  ON  EED PRI TO 27/ SN X-OV  AKER T  KTH FL  TO RO  NZE BE  CK 49-7/  PUMP F  LAY DO  ORT:  CHG OU  X 1/2 O	SID 27/8" DPERA ESS OF 8" TBG /ER 13- 'A/C @ ANGE ' DDS FL' BL 2' PA /8" SLIC FILL TB DWN R CAPIT IT ALL F ROD	OPEN  UMMARY  TION DETAIL  FF WELL CON FRIH W/ 23/8" 4 JTS 27/8" PH 4177.60' PSN W/ 15,000# TI USH TBG PICA PLUNGER 1 CK RODS 1-8' GG STROKE TI GG LOAD EQU  TAL EXPENDAT TBG 23/8" TO S TOP 82 SLI	NTROL PONTONE	DOH WED PINION TEC 54' EO'DN TBC ST PUNDKE) R (7/8" PI 1000# F T WELI	J/ 53 JT NED J RIG U RIG U RED TR NP (TR NP	TS 23/ T W/ H JP FL0 211.95 WELL RICO # PUMF RODS GOOD PING	/8" TBG L. HOLE 51/2 DOR STR I' LAND TI HEAD E' WP-014 P 15-7/8" V POLISH F PUMP A 6:00 PM S	IP OFF BOP BG ON TC TOGETHEI 2"X11/2"X16' N/G 68-3/4" WI ROD SPACE CTION HANG SDFD
HOURS	DL	JR CC		SUB DES 7:00 CH B-2 SE CA CH RW 33- OF	GCRIPTION  AM BLE  GEQUIP  TA/C PS  T51/2" BA  MERON MERON MERON  GEQUIP  /AC BROI  3/4" SLIC  IT SEAT F  RODS I  WAL REPON  APPROX	OH  QUIP TO  ON  EED PRI TO 27/ SN X-OV  AKER T  KTH FL  TO RO  NZE BE  CK 49-7/  PUMP F  LAY DO  ORT:  CHG OU  X 1/2 O	SI D 27/8" DPERA ESS OI 8" TBG /ER 13/ TA/C @ ANGE ' DDS FLI BL 2' PA /8" SLI FILL TB DWN R CAPIT IT ALL F ROD TBG ST	OPEN  UMMARY  TION DETAIL  FF WELL COM RIH W/ 23/8" 4 JTS 27/8" PM 4177.60' PSN W/ 15,000# TM USH TBG PICA PLUNGER 1 CK RODS 1-8 GG STROKE TM IG LOAD EQUITA  TAL EXPENDAT TBG 23/8" TC S TOP 82 SLIFTRING PUMP	NTROL PONTONE	DOH WED PINION TEC 54' EO'DN TBC ST PUNDKE) R (7/8" PI 1000# F T WELI	J/ 53 JT NED J RIG U RIG U RED TR NP (TR NP	TS 23/ T W/ H JP FL0 211.95 WELL RICO # PUMF RODS GOOD PING	/8" TBG L. HOLE 51/2 DOR STR I' LAND TI HEAD E' WP-014 P 15-7/8" V POLISH F PUMP A 6:00 PM S	IP OFF BOP BG ON TC TOGETHE! 2"X11/2"X16' N/G 68-3/4" W ROD SPACE CTION HANG SDFD
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HOURS 7:00-18:00 CLAS CO 282 11	DL S	JR CC 000	DESC	SUB DES 7:00 CHI B-2 SE CA CH RW 33- OU OF FIN LC TA	GCRIPTION  AM BLE  GEQUIP  TA/C PS  F 51/2" BA  MERON A  GEQUIP  /AC BROIN  3/4" SLIC  IT SEAT F  F RODS I  ALL REPO  AC TO BT  OSTS	OH QUIP TO ON EED PRI TO 27/SN X-OV AKER T KTH FL O TO RO NZE BE CK 49-7/PUMP F LAY DO ORT: CHG OU X 1/2 O	SI D 27/8" DPERA ESS OI 8" TBG /ER 13/ TA/C @ ANGE ' DDS FLI BL 2' PA /8" SLI FILL TB DWN R CAPIT IT ALL F ROD TBG ST	OPEN  UMMARY  TION DETAIL  FF WELL COM RIH W/ 23/8" 4 JTS 27/8" PM 4177.60' PSN W/ 15,000# TM USH TBG PICA PLUNGER 1 CK RODS 1-8 GG STROKE TM IG LOAD EQUITA  TAL EXPENDAT TBG 23/8" TC S TOP 82 SLIFTRING PUMP  DAY COST  V P	NTROL PO NOTCHE OLY LINE @ 4176.: ENSION C SK UP TES 51" STRO 2-4' 2-2') EST TO 1 JIP STAR ATURESII 27/8" PO CK CHG 300 BBLS ENDOR	DOH WED PINI ED TBG 54' EOT ON TBC ST PUN DKE) R (7/8" PI 1000# H T WELI DLY LIN ROD P	J/ 53 JT NED J RIG U RIG U RED TR NP (TR NP	TS 23/ T W/ H JP FL0 211.95 WELL RICO # PUMF RODS GOOD PING	/8" TBG L. HOLE 51/2 DOR STR I' LAND TI HEAD E' WP-014 P 15-7/8" V POLISH F PUMP A 6:00 PM S	IP OFF BOP BG ON TC TOGETHEI 2"X11/2"X16' N/G 68-3/4" W ROD SPACE CTION HANG SDFD
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HOURS 7:00-18:00 7:00-18:00 282 11 282 12 282 15 282 16 282 17 282 23	DLE S 00 11. 00 11. 00 1 00 1 00 1 00 1 00 1 00 1 00 1 00 1 00 1	SUB II 110 I 122 - 200 I 506   702	DESC Dayw Tubul Mud a Wate BOP Truck	SUB DES 7:00 CH B-2 SE CA CH RW 33- OU FIN LC TC TA  CRIPTION ork Rig C lar Inspectand Chem r & Water Equipmer ding	CRIPTION AM BLE GEQUIP TA/C PS F51/2" BA MERON A GEQUIP AC BROI 3/4" SLIC T SEAT F F RODS I AL REPO APPRO APPRO APPRO TO BT  Osts Services icals Hauled	OH QUIP TO ON EED PRI TO 27/SN X-OV AKER T KTH FL O TO RO NZE BE CK 49-7/PUMP F LAY DO ORT: CHG OU X 1/2 O	SI D 27/8" DPERA ESS OI 8" TBG /ER 13/ TA/C @ ANGE ' DDS FLI BL 2' PA /8" SLI FILL TB DWN R CAPIT IT ALL F ROD TBG ST	OPEN  UMMARY  TION DETAIL  FF WELL COM RIH W/ 23/8" 4 JTS 27/8" PM 4177.60' PSN W/ 15,000# TM USH TBG PICK A PLUNGER 1 CK RODS 1-8 GG STROKE TM IG LOAD EQUITA  TAL EXPENDAT TBG 23/8" TC S TOP 82 SLIFT TRING PUMP  DAY COST  V  P  O  O  O  O  O  O  O  O  O  O  O  O	NTROL PO NOTCHE OLY LINE @ 4176.: ENSION C ENSION C EX UP TES 51" STRO 2-2-4' 2-2') EST TO 1 JIP STAR ATURES!! OCK CHG 300 BBLS ENDOR OOL PRS CHAMPIO! HELSONS VEATHEF	DOOH WED PINIS TO THE PINIS TO	I/ 53 JT NED JT RIG U F @ 42 PUT MP (TR IH W/ ONY F HELD ( L PUM IED 78 UMP ( R	TS 23/ T W/ H JP FLU 211.95 WELL RICO # PUMF RODS GOOD PING BAD CHG V	/8" TBG L. HOLE 51/2 DOR STR I' LAND TI HEAD E' WP-014 P 15-7/8" V POLISH F PUMP A 6:00 PM S	IP OFF BOP BG ON TC TOGETHEI 2"X11/2"X16' N/G 68-3/4" W ROD SPACE CTION HANG SDFD
HOURS 17:00-18:00 17:00 17:00-18:00 17:00-18:00 17:00-	DLE S 00 11. 00 11. 00 1 00 1 00 1 00 1 00 1 00 1 00 1 00 1 00 1	SUB   110   122   200   1002   2002   2002	DESC Dayw Tubul Mud a Wate BOP Truck Contil	SUB DES 7:00 CH B-2 SE CA CH RW 33- OU OF TA  CRIPTION ork Rig C lar Inspectand Chem r & Water Equipmer ding Ingency Ing ping Equip	CRIPTION AM BLE G EQUIP TA/C PS T 51/2" BA MERON MERON MERON MERON MERON MERON MERON TO STATE SEAT F F RODS I MAL REPON MERON TO STATE MERON	OH  QUIP TO  ON  EED PRI TO 27/5 SN X-OV  AKER T  KTH FL  O TO RO  NZE BE  CK 49-7/  PUMP F  LAY DO  ORT:  CHG OU  X 1/2 O  TM OF	SI D 27/8" DPERA ESS OI 8" TBG /ER 13/ TA/C @ ANGE ' DDS FLI BL 2' PA /8" SLI FILL TB DWN R CAPIT IT ALL F ROD TBG ST	OPEN  UMMARY  TION DETAIL  FF WELL COM RIH W/ 23/8" 4 JTS 27/8" PM 4177.60' PSN W/ 15,000# TM USH TBG PICA PLUNGER 1 CK RODS 1-8 GG STROKE TM GG LOAD EQU TAL EXPENDAT TAL EXPENDAT TAL EXPENDAT TAL EXPENDAT TOP 82 SLIF TRING PUMP  DAY COST  V P  O  O  O  O  O  O  O  O  O  O  O  O	NTROL PO NOTCHE OLY LINE @ 4176.9 ENSION C EX UP TES 51" STRO 2-4' 2-2') EST TO 1 JIP STAR ATURESII 27/8" PO CK CHG 300 BBLS ENDOR OOL PRS CHAMPIO JIELSONS VEATHER VEATHER	DOOH WED PINION TO THE COUNT TO	I/ 53 JT NED JT RIG U F @ 42 PUT MP (TR IH W/ ONY F HELD ( L PUM IED 78 UMP ( R	TS 23/ T W/ H JP FLU 211.95 WELL RICO # PUMF RODS GOOD PING BAD CHG V	/8" TBG L. HOLE 51/2 DOR STR I' LAND TI HEAD E' WP-014 P 15-7/8" V POLISH F PUMP A 6:00 PM S	IP OFF BOP BG ON TC TOGETHEI 2"X11/2"X16' N/G 68-3/4" W ROD SPACE CTION HANG SDFD
CLAS CO 282 11 282 12 282 15 282 16 282 17 282 23 283 10 283 20	DLE S 00 11. 00 11. 00 1 00 1 00 1 00 1 00 1 00 1 00 1 00 1 00 1	SUB   110   122   200   1002   2002   2002	DESC Dayw Tubul Mud a Wate BOP Truck Contil	SUB DES 7:00 CH B-2 SE CA CH RW 33- OU FIN LC TC TA  CRIPTION ork Rig C lar Inspectand Chem r & Water Equipmer ding	CRIPTION AM BLE G EQUIP TA/C PS T 51/2" BA MERON MERON MERON MERON MERON MERON MERON TO STATE SEAT F F RODS I MAL REPON MERON TO STATE MERON	OH  QUIP TO  ON  EED PRI TO 27/5 SN X-OV  AKER T  KTH FL  O TO RO  NZE BE  CK 49-7/  PUMP F  LAY DO  ORT:  CHG OU  X 1/2 O  TM OF	SI D 27/8" DPERA ESS OI 8" TBG /ER 13/ TA/C @ ANGE ' DDS FLI BL 2' PA /8" SLI FILL TB DWN R CAPIT IT ALL F ROD TBG ST	OPEN  UMMARY  TION DETAIL  FF WELL COM RIH W/ 23/8" 4 JTS 27/8" PM 4177.60' PSN W/ 15,000# TM USH TBG PICA PLUNGER 1 CK RODS 1-8 GG STROKE TM GG LOAD EQU TAL EXPENDAT TAL EXPENDAT TAL EXPENDAT TAL EXPENDAT TOP 82 SLIF TRING PUMP  DAY COST  V P  O  O  O  O  O  O  O  O  O  O  O  O	NTROL PO NOTCHE OLY LINE @ 4176.: ENSION C ENSION C EX UP TES 51" STRO 2-2-4' 2-2') EST TO 1 JIP STAR ATURES!! OCK CHG 300 BBLS ENDOR OOL PRS CHAMPIO! HELSONS VEATHEF	DOOH WED PINION TO THE COUNT TO	I/ 53 JT NED JT RIG U F @ 42 PUT MP (TR IH W/ ONY F HELD ( L PUM IED 78 UMP ( R	TS 23/ T W/ H JP FLU 211.95 WELL RICO # PUMF RODS GOOD PING BAD CHG V	/8" TBG L. HOLE 51/2 DOR STR I' LAND TI HEAD E' WP-014 P 15-7/8" V POLISH F PUMP A 6:00 PM S	IP OFF BOP BG ON TC TOGETHE 2"X11/2"X16' N/G 68-3/4" W ROD SPACE CTION HANG SDFD ' ADD GUIDES AD ADD BAKE

NINS No:	60099	9		CLAW	SON SPR	RING UT	AH 10-4	115		Da	ate: 01/	17/2004
AFE No:	NON	E	1	Daily Con	npletion a	and Wor	kover F	Repor	t .	DO	DL: 1	
EPT NO. OPERAT	TOR DARKO	PETR	OLEUM	CORPORATI	ION FIELD NAI	RUNKARDS	S WASH		RVISOR	/ ENGINEI JIM I	ER HARTLEY	(1
рі 43-015-3039°	STATE	UTA	λH	COUNTY	/IERY	DIVISION WE	STERN	RIG		ol Well	Service R	IG # 278
URRENT STATUS	· · · · · · · · · · · · · · · · · · ·	DIEDI	 ICCI # 1									
4 HR FORECAST MIRU, WOR			,	# 4								
	L ELEV	RKB		FORMATION			TMD		TVD		PBTMD	PBTVD
	ART DATE		7.00	OBJECTIVE			4,4	05 (ft) st/wi%		(ft)	4,360 (fi	
OB# JOB ST	01/16/2		308		INTENANCE			\$ / %		1		
				•		G DETAILS						
SSEMBLY			SIZE	INST DATE		TO (ft)	DESCRI	PTION				
Surface Casi Production C			8.625" 5.5"		0	0 4,405.0	17#, N-8	<u> </u>				
Fubing	asing		2.875		0	32.4	6.5#, J-5					
TUBING			2.87	,	Ō	809.3	6.5#, J-5		S. PO	LYLINE	ED	
TUBING			2.87		0	3,330.5	6.5#, J-5				IED	
K-OVER					0	8.0	4,177.12		'x2.37	5"		
+45 SN			2.375"		0	1.1	4,177.92		TAO			
SLIM HOLE			5.5"		0	3.8 31.0	4,178.98 4,182.78	';	IAC			
N/P JT W/HC EOT	ルヒ		2.375"		0	4,213.8	4,102.70	, 4./#, .	0-00			
PBTD					0	4,360.0	FILL @ 4	1,335' (N	NO NE	WFILL	.)	
					F	PERFS						
												- A C = (54)
ZONE			DATE	SIDE	TRCK'#	STATUS		TYPE		TOP	(ft)	BASE (ft)
MIRU, POOI					OH SU SU DOL, PULL T	OPEN I <b>MMARY</b> FBG, RIH W	Pe // PROD T	erforated	<del>'</del>	4,01	1.00	4,150.00  JMPING, PREF
MIRU, POOF TO MOVE TO HOURS	O PIERL	JCCI#	ARTED (	@ NO TAP TO	OH SU SU DOL, PULL T	OPEN  IMMARY  IBG, RIH W  TION DETA	Pe // PROD T	erforated BG & R	ODS,	4,01	WELL P	4,150.00 JMPING, PREF
MIRU, POOF TO MOVE TO HOURS	O PIERL	JCCI#	ARTED (1) SUB DE 7:: ST PA BL UF WARE TA BC FL PI PL 2-TC ST FI PL PI PL	@ NO TAP TO  ESCRIPTION  00 AM MOVE  FAND UP RIG  ARTED @ NO  LEED PRESS  A JTS 27/8"  / TBG ETC 13  ECOVERED F  AC SLIM HOL  DP SET TA/C  LANGE W/ 15  ICK UP TEST  LUNGER 135  4' 2-2'X7/8" P  0 1000# HEL  TART WELL I	OH SU DOL, PULL T OPERAT RIG & EQUI B BLEED PRI D TAP TOOL OFF CSG CO TBG TAG F 34 JTS 27/8" PUMP CHG IS E TA/C 23/8 E M4178.98' F,000# TENS PHOENIX S TSTROKE R PONY RODS D GOOD PU PUMPING 6: T: NABLE TO F IL 400 BBLS	OPEN  IMMARY  TBG, RIH W  TION DETA  IP FROM C ESS OFF T TOP OF PI CONTROL F ILL @ 4335 POLY LINI BHA RIH W POLY LINI BHA RIH W PSN Q 41 ION ON TB SURVEY PL RIH W/ PUM POLISH RI IMP ACTION 30 PM SDF	PET PROD T  ILS  SS # C-1 BG TRY T JLL ROD RELEASE I' (NO NEV ED SORTI I' 23/8" NC I/ER 134 J I/77.92' EO I/G PUT W I/MP 2"X1; IP 15-7/8" OD SPACI N HANG C	Priorated BG & R TO CSS O PRES UNABLI TA/C @ V FILL) NG 1#4 DTCHED TS 27/8 T @ 421 ELL HE. I/2"X16' 101-3/4 E OUT S	ODS, SUTAI SS TE E TO I O 4178 RIG L (BAD ) PINN "TBG 13.78' AD ET RWA L" 49-7 SEAT DS LA	4,01 START H # 10-4 ST TBO FISH CI ' STRIP JP PRS ) 26#3 NED JT G RIG U LAND T C TOG C BROI '/8" ROI PUMP I Y DOW	415 (1.5 M G POOH V HG EQUII P ON BOP TBG INS 70#2 & 37 W/ HOLE P FLOOR FBG ON C ETHER F NZE BBL DS TOP 8 FILL TBG /N RIG LC	4,150.00  JMPING, PREF  JMPING
MIRU, POOH TO MOVE TO HOURS 07:00-18:30	DUR C	JCCI #	ARTED (1)  SUB DE 7:0 ST PA BL UF WA RE TA BC FL PI PL 2- TC ST	@ NO TAP TO  ESCRIPTION  OO AM MOVE FAND UP RIG  ARTED @ NO LEED PRESS P 4 JTS 27/8"  / TBG ETC 13 ECOVERED F  AC SLIM HOL DP SET TA/C LANGEW / 155 LUNGER 135 4' 2-2'X7/8" P O 1000# HELL TART WELL I INAL REPOR  ULL RODS U BG PUMP TT	OH SU DOL, PULL T OPERAT RIG & EQUI B BLEED PRI D TAP TOOL OFF CSG CO TBG TAG F 34 JTS 27/8" PUMP CHG IS E TA/C 23/8 E M4178.98' F,000# TENS PHOENIX S TSTROKE R PONY RODS D GOOD PU PUMPING 6: T: NABLE TO F IL 400 BBLS	OPEN  IMMARY  TBG, RIH W  IP FROM C ESS OFF T TOP OF PI CONTROL F ILL @ 4335 POLY LINI BHA RIH W POLY LINI BHA RIH W PSN @ 41 ION ON TB SURVEY PL RIH W/ PUM POLISH RI IMP ACTION 30 PM SDF  FISH PUMP WTR  AY COST	PETER PROD TO THE PRODUCT OF THE PRO	Priorated BG & R TO CSS O PRES UNABLI TA/C @ V FILL) NG 1#4 DTCHED TS 27/8 T @ 421 ELL HE. I/2"X16' 101-3/4 E OUT S	ODS, SUTAI SS TE E TO I O 4178 RIG L (BAD ) PINN "TBG 13.78' AD ET RWA L" 49-7 SEAT DS LA	4,01 START H # 10-4 ST TBO FISH CI ' STRIP JP PRS ) 26#3 NED JT G RIG U LAND T C TOG C BROI '/8" ROI PUMP I Y DOW	415 (1.5 M G POOH V HG EQUII P ON BOP TBG INS 70#2 & 37 W/ HOLE P FLOOR FBG ON C ETHER F NZE BBL DS TOP 8 FILL TBG /N RIG LC	4,150.00  JMPING, PREF  MI) SET EQUIP N/ RODS P TO TBG TALLY & PICH P EQUIP POO 7#1 JTS S1/2" TECH STRIP OFF CAMERON KTH LUSH TBG 3' SM S2 SLICK 1-8' STROKE TES DAD EQUIP
MIRU, POOH TO MOVE TO HOURS 07:00-18:30	DUR C	DESC #	SUB DE 7:0 ST PA BL UF WA RE TA BC FL PI PL 2- TC ST FI PI RIPTION	@ NO TAP TO  ESCRIPTION  DO AM MOVE  FAND UP RIG  ARTED @ NO  LEED PRESS  PA JTS 27/8"  TTBG ETC 13  ECOVERED F  AC SLIM HOL  DOP SET TA/O  LANGE W/ 15  LONGER 135  4' 2-2'X7/8" P  D 1000# HEL  TART WELL I  INAL REPOR  ULL RODS U  BG PUMP TT	OH SU DOL, PULL T OPERAT RIG & EQUI B BLEED PRI D TAP TOOL OFF CSG CO TBG TAG F 34 JTS 27/8" PUMP CHG IS E TA/C 23/8 E M4178.98' F,000# TENS PHOENIX S TSTROKE R PONY RODS D GOOD PU PUMPING 6: T: NABLE TO F IL 400 BBLS	OPEN  IMMARY  TBG, RIH W  IP FROM C ESS OFF T TOP OF PI CONTROL F ILL @ 4335 POLY LINI BHA RIH W POLY LINI BHA RIH W PSN @ 41 ION ON TB SURVEY PL RIH W/ PUM POLISH RI IMP ACTION 30 PM SDF  FISH PUMP WTR  AY COST	PET PROD T  ILS  SS # C-1 BG TRY T JLL ROD RELEASE I' (NO NEV ED SORTI I' 23/8" NC I/ER 134 J I/77.92' EO I/G PUT W I/MP 2"X1; IP 15-7/8" OD SPACI N HANG C	Priorated BG & R TO CSS O PRES UNABLI TA/C @ V FILL) NG 1#4 DTCHED TS 27/8 T @ 421 ELL HE. I/2"X16' 101-3/4 E OUT S	ODS, SUTAI SS TE E TO I O 4178 RIG L (BAD ) PINN "TBG 13.78' AD ET RWA L" 49-7 SEAT DS LA	4,01 START H # 10-4 ST TBO FISH CI ' STRIP JP PRS ) 26#3 NED JT G RIG U LAND T C TOG C BROI '/8" ROI PUMP I Y DOW	415 (1.5 M G POOH V HG EQUII P ON BOP TBG INS 70#2 & 37 W/ HOLE P FLOOR FBG ON C ETHER F NZE BBL DS TOP 8 FILL TBG /N RIG LC	4,150.00  JMPING, PREF  AI) SET EQUIP  V/ RODS  P TO TBG  P TALLY & PICH  STRIP OFF  CAMERON KTH  LUSH TBG  3' SM  22 SLICK 1-8'  STROKE TES  DAD EQUIP
HOURS 07:00-18:30	DUR 0 11.50 E SUB 0 1110	DESC Daywoo	SUB DE 7:0 ST PA BL UF WARE TA BC FL PI 2- TC ST FI PI TI	@ NO TAP TO  ESCRIPTION  DO AM MOVE  FAND UP RIG  ARTED @ NO  LEED PRESS  PA JTS 27/8"  TTBG ETC 13  ECOVERED F  AC SLIM HOL  DOP SET TA/O  LANGE W/ 15  LONGER 135  4' 2-2'X7/8" P  D 1000# HEL  TART WELL I  INAL REPOR  ULL RODS U  BG PUMP TT	OH SU DOL, PULL T OPERAT RIG & EQUI B BLEED PRI D TAP TOOL OFF CSG CO TBG TAG F 34 JTS 27/8" PUMP CHG IS E TA/C 23/8 E M4178.98' F,000# TENS PHOENIX S TSTROKE R PONY RODS D GOOD PU PUMPING 6: T: NABLE TO F IL 400 BBLS	OPEN  JMMARY  TBG, RIH W  TION DETA  IP FROM C ESS OFF T TOP OF PI CONTROL F ILL @ 4335 POLY LINI BHA RIH W POLY LINI BHA RIH W PSN @ 41 ION ON TB SURVEY PL ION ON TB SURVEY PL IMP ACTION 30 PM SDF  TISH PUMP WTR  AY COST	PETER POOL TO THE POOL PRS	BG & R TO CSS TO CSS TO PRES UNABLI TA/C @ V FILL) NG 1#4 DTCHEC TS 27/8 T @ 421 ELL'"X16' 101-3/4 E OUT S DFF RO	ODS,  UTAI SS TE E TO I 24178 RIG U (BAD ) PINN I" TBG 13.78' AD ET RWA I" 49-7 SEAT DS LA	4,01 START H # 10-4 ST TBO FISH CI ' STRIP JP PRS ) 26#3 NED JT G RIG U LAND T C TOG C BROI '/8" ROI PUMP I Y DOW	415 (1.5 M G POOH V HG EQUII P ON BOP TBG INS 70#2 & 37 W/ HOLE P FLOOR FBG ON C ETHER F NZE BBL DS TOP 8 FILL TBG /N RIG LC	4,150.00  JMPING, PREF  MI) SET EQUIP N/ RODS P TO TBG TALLY & PICH P EQUIP POO 7#1 JTS S1/2" TECH STRIP OFF CAMERON KTH LUSH TBG 3' SM S2 SLICK 1-8' STROKE TES DAD EQUIP
MIRU, POOF TO MOVE TO HOURS 07:00-18:30 CLAS CODI 282 1100 282 1100 282 1200	DUR 0 11.50 1110 1122 1120 1120	DESC Daywo Tubula Mud a	SUB DE 7:0 ST PA BL UF WA RE TA BC FL PI 2- TC ST FI PI TI	@ NO TAP TO  ESCRIPTION  OO AM MOVE FAND UP RIG ARTED @ NO LEED PRESS P 4 JTS 27/8"  / TBG ETC 13 ECOVERED F AC SLIM HOL DP SET TA/C LANGE W/ 15 LUNGER 135 4' 2-2'X7/8" P O 1000# HELL TART WELL I INAL REPOR  ULL RODS U BG PUMP TT  Costs ct Services nicals	OH SU DOL, PULL T OPERAT RIG & EQUI B BLEED PRI D TAP TOOL OFF CSG CO TBG TAG F 34 JTS 27/8" PUMP CHG IS E TA/C 23/8 E M4178.98' F,000# TENS PHOENIX S TSTROKE R PONY RODS D GOOD PU PUMPING 6: T: NABLE TO F IL 400 BBLS	OPEN  IMMARY  TBG, RIH W  IP FROM C ESS OFF T TOP OF PI CONTROL F ILL @ 4335 POLY LINI BHA RIH W PSN X-ON PSN @ 41' ION ON TB SURVEY PL RIH W/ PUM POLISH RI IMP ACTION 30 PM SDF  FISH PUMP WTR  AY COST	PETER POOL	BG & R TO CSS TO CSS TO PRES UNABLI TA/C @ V FILL) NG 1#4 TCHEC TS 27/8 T @ 421 ELL'"X16' 101-3/4 E OUT S OFF RO	ODS,  UTAI SS TE E TO I 24178 RIG U (BAD ) PINN I" TBG 13.78' AD ET RWA I" 49-7 SEAT DS LA	4,01 START H # 10-4 ST TBO FISH CI ' STRIP JP PRS ) 26#3 NED JT G RIG U LAND T C TOG C BROI '/8" ROI PUMP I Y DOW	415 (1.5 M G POOH V HG EQUII P ON BOP TBG INS 70#2 & 37 W/ HOLE P FLOOR FBG ON C ETHER F NZE BBL DS TOP 8 FILL TBG /N RIG LC	4,150.00  JMPING, PREF  MI) SET EQUIP N/ RODS P TO TBG TALLY & PICH P EQUIP POO 7#1 JTS S1/2" TECH STRIP OFF CAMERON KTH LUSH TBG 3' SM S2 SLICK 1-8' STROKE TES DAD EQUIP

WINS	No:	60099		CLAWSON	SP	RING UT	λH ·	10-415		Date: 1	/8/2005
AFE N	No:	NONE		aily Comple	tion	and Worl	kov	er Report		DOL: 1	
REPT NO.			RKO PETROLE		FIELD NA	NE RUNKARDS	WA		SOR/ENG	SINEER IM HARTL	EY/
арі 43-015-		STATE	UTAH	COUNTY		DIVISION	STER	N RIG NAM		ell Service	POOL #808
	TO FIN	IISH POO	OH W/ PIPE, CH	HG BHA							
	WORK	ING ON									,
ELEV	G	L ELEV	7.00	FORMATION				TMD TVE	(ft)	PBTMD (ft)	
JOB#	JOB STA	ART DATE 1/7/200		BJECTIVE MAINTEN	IANCI	Ξ	AU	rh cost / wi% \$ / %	DA'	Y COST / CUM	COST
						G DETAILS					
ASSEM X-OVEF			SIZE	NST DATE FROM				CRIPTION	275"		
TUBING			2.87	. C		3,330.5	4,17 6.5#	7.12'; 2.875"x2. J-55, 107 JTS.	975" POLVI	LINED	
PBTD		······································	2.07	. 0				@ 4,335' (NO I			
EOT				·		4,213.8					
N/P JT			2.375"	C				2.78'; 4.7#, J-55			
SLIM H		AC	5.5"	C				8.98'; TECH TA	<u>C</u>		
+45 SN TUBING			2.375"	0			4,17	7.92′ , J-55, 26 JTS. I	201.71	INCO	
Tubing	,		2.875					, J-55, 26 JTS. 1 , J-55, 1 JT.	OLIL	INCU	, T
Surface	Casir	ıg	8.625"	C		0	0.07	, 0 00, 101.			
Product			5.5"	C	).		17#,	N-80			
70NF		<del></del>		OIDETDO!		ERFS			r	25 (6)	D. 0.0
ZONE			DATE	SIDETRCK OH	#	STATUS OPEN	_	TYPE Perforated		OP (ft) 011.00	BASE (ft) 4,150.00
						MMARY					
MIRU, F	POOH	W/ ROD	S, FISH RODS,	MADE 2 ATTEM				I,STRIP TBG &	RODS,	, SDFWE	
HOUI	T		DE SUB DES		ERA	TION DETAIL	<u>.s</u>				
07:00-1	9:00	12.00	MI) S CSG OBA FULL CHG 4,178 RIG	AM MOVE RIG & ET EQUIP STAN: POOH W/ RODS NNON OVER W/ OF POLY LININ: EQUIP TO TBG I STRIP ON BOP UP PRS TBG INS EAT PUMP POOH	D UP PAR <sup>*</sup> 15/8" G CH( BLEEI TALL P EQI	RIG BLEED FED @ 3050 OVER SHOT G TOOLS RII D PRESS OF Y & PICK UF JIP POOH W	PRE: ' 3/4" ' RIH H TR F CS P 4 J' I/ 27/	SS OFF TBG R BODY BREAK UNABLE TO A Y AGAIN STILL GG CONTROL F TS 27/8" TBG T /8" TBG SORTI	IG UP I BTM 7 TCH FI . UNAB RELEAS AG FIL NG PUI	HOT OILEI 1ST 3/4" F ISH POOH SLE TO CA SE 51/2" L LL @ 4335' LL 3050' G	R PUMP DOWN ROD MADE UP OVERSHOT TCH FISH POO H SET TA/C @ (NO NEW FILL OT TO RODS
					DA	Y COST		,			
			SCRIPTION				NDC				AMOUNT
	1001							GUIDES-SUBS			
	1001 1001							RKO-AZTEC L EXPRESS			
	1001							TAC CO			
	1001						IOEN			electric state and an electric state of	+
	1500						OL				
293	1502	1502						PION CHEM			
	1506						ELSC				
	1513						ELSC	ONS			
	1513 1513					PF		201.6			
	1513						IIGH	DOLS T			
	3000					INI	iiOri	1			
200 10	0000	00001				l bas					<u></u>

Printed: 1/7/2005 7:46:01 PM

WINS	No:	600	99		CLAW	SON S	PRING U	TAH	10-415		Date:	1/11/2005
AFE	No:	NO	٧E		Daily Cor	npletio	n and W	orko	ver Repo	rt	DOL:	2
REPT NO.	OPERA		ARKO	PETROL	EUM CORP	FIELD	DRUNKAR	DS W		PERVISOR	ENGINEER JIM HART	LEY /
API		STATI	E		COUNTY		DIVISION		RIG	NAME	NA !! O !	DOOL !!000
43-015			UT	AH	El	MERY		ESTE	RN	Pool	Well Service	POOL #808
CURRENT PREP			TBG.	FISH 1/4"	CHEMICAL	LINE ETC						
24 HR FO	RECAST		<b></b>									
			ON WE		FORMATION				TMD	TVD	PBTMD	PBTVD
ELEV		GL ELEV	R	кв 7.00	FORMATION				(ft)	(f		t) (ft)
JOB#	JOB S	TART DAT		JOB	OBJECTIVE	11.17.		A	UTH COST / WI%		DAY COST / CUI	VI COST
		1///	2005		NIA.	INTENAN			\$ / %	· · · · · · · · · · · · · · · · · · ·		
ASSE	ADI V			SIZE	INST DATE		t) TO (ft)		SCRIPTION			
X-OVE				SIZE	INST DATE	0	0.8		77.12'; 2.875	"x2.375	1	
TUBIN		······································		2.87		0	3,330.5		#, J-55, 107			
PBTD					1	0	4,360.0		L @ 4,335' (I	NO NEV	V FILL)	
EOT						0	4,213.8					
N/P JT				2.375"		0	31.0		82.78'; 4.7#,			
SLIMI		TAC		5.5"		0	3.8		78,98'; TECH 77,92'	TAC		
+45 SI				2.375" 2.87		0	809.3		#, J-55, 26 J	TS POI	YLINED	and the first of the second
Tubing				2.875	,	0	32.4		#, J-55, 1 JT			
Surfac		ng		8.625"		0	0					
Produc	ction C	asing		5.5"		0	4,405.0	17#	<del>,</del> N-80			
							PERFS					
ZONE				DATE	SIDE	TRCK#	STATU		TYPE		TOP (ft)	BASE (ft)
						ОН	OPEN SUMMARY		Perforate	a j	4,011.00	4,150.00
				IT POOH	LAYING DO			TBG	, RIH W/ PRO	OD TBG	, CHEMICAL	. INJ LINE, LOST
CHEIM	ICAL	LINE, S	טווט			OPER	RATION DET	AILS				
HOL	JRS	DUR	CODE	SUB DE	SCRIPTION				/			
07:00-	17:00	10.00		, ,								Y LINED TBG
												'8" TBG RIH W/
												TS 23/8" TBG CAL INJ LINE) RIG
												J LINE GONE
												HOLE GOT 16
				JT	SOUT OF H	OLE TBG	STARTED H	ANGI	NG UP CALL	IMMED	NATE SUPE	RVISOR WAIT
				FO	R CALL BAC			OR NI	GHT 5:00 PM	/ SDFD		The second secon
			I====				DAY COST				<del></del>	
CLAS	CODE	SUB	DESC	RIPTION				VEND	JOR,		and the second second second	AMOUNT
293	1001	1001							S-GUIDES-S	UBS		
293		1001							DARKO-AZTE			
293		1001							OIL EXPRES	ss,	"	
293		1001					•		TAC CO			
293		1001						PHOE POOL				
293 293	1500	1500 1502							- MPION CHEM	./	<del></del>	
293	1506	-							SONS	* *		4
293		1513	•						SONS			
293	1513	1513						PRS				
293		1513							TOOLS			
293		1513						KNIG	HT			
293	3000	3000	L	· ·								
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WINS	No:	60099	9		CLAV	vson:	SPF	RING UT	ГАН 10-4	15		Date:	1/12/2005
AFE N	No:	NONE	Ξ		Daily Co	mpleti	on a	and Wo	rkover R	eport		DOL:	3
REPT NO.	OPERA		RKO F	PETROL	EUM CORP	FIE	LD NA	ME RUNKARD	S WASH	SUPER	RVISOR / EN	IGINEER JIM HART	 ΓLEΥ /
API 43-015-	-3039	STATE 1	UTA	\Н	COUNTY	MERY		DIVISION	STERN	RIG NA	ME		e POOL #808
CURRENT :	STATUS	IT OFF T			EMICAL INJ				The I		1 001 44	en dervic	e F OOL #600
24 HR FOR	ECAST				LIVITOAL 1110	LINE							
ELEV		KING ON BLELEV	RKB	3	FORMATION				TMD	1	VD	PBTMD	PBTVD
JOB#	ЈОВ ЅТ	ART DATE		7.00 JOB	OBJECTIVE				AUTH COST	ft)	(ft)		ft) (ft)
		1/7/200	05			AINTENA				\$ / %		AT COST TCO	IIVI COST
ASSEM	IBI Y			SIZE	INST DATE			G DETAILS	<del></del>	rion.			
X-OVEF				SIZE	INST DATE	PROW 0	(ir)	TO (ft) 0.8	DESCRIPT 4,177,12';		2 375"		
TUBING	3			2.87		0		3,330.5	6.5#, J-55,	107 JT	S. POLY	'LINED	
PBTD					ı	0		4,360.0	FILL @ 4,3	35' (NC	NEW F	ILL)	
EOT N/P JT \	W/HO	1 =		2,375"		0		4,213.8	1 100 701				
SLIM HO				5.5"		0		31.0 3.8	4,182.78'; 4 4,178.98';				galactic and a constitution of the constitutio
+45 SN		7.10		2.375"		0	-	1.1	4,177.92'	IECH I	AC		
TUBING	3			2.87		0		809.3	6.5#, J-55,	26 JTS	POLYL	INFD	
Tubing		<u>.</u>		2.875		0		32.4	6.5#, J-55,				
Surface Producti				8.625"		0		0					
rioduca	ion Ca	asing		5,5"		0		4,405.0	17#, N-80				
ZONE			T	DATE	CIDE	TRCK#		ERFS			<del></del>		
LONE			_	DAIL	SIDE	OH		STATUS OPEN		YPE orated		OP (ft) 011.00	BASE (ft) 4,150.00
	***************************************			h			SUN	MARY				`	
BLEED	OFF F	PRESS, V	VORK	TBG, T	RY ROTATII	NG, ABLE	E TO	MOVE AP	PROX 30', F	FREE P	OINT TE	3G. TRY S	SETTING TA/C @
						OPE	RATI	ON DETAI	LS				
HOUR			DE S		CRIPTION								
07:00-17	7:30	10.50		7:00	AM BLEED	PRESS	OFF	WELL WO	ORK TBG MA	ADE SU	RE FRE	E ROTA	TE TO RIGHT
				PH	I TRG ETC	ARIETO	3E11	ING FRIC	HON BILE (	ON CHE	MICAL	INJ LINE	TRY AGAIN TO
		İ		CAL	L FOR FISH	ABLE TO		FREE POI	UX 30' FRUI	M STAC	KED OU	J1 10 80	,000# TENSION FORD WIRE LINE
		·		TRU	JCK FREE P	OINT TB	G S1	TUCK @ 4	25' LOG TB	G COLL	ARS W	TRG PH	OKD WIKE LINE
	1			HIG	HT SPOT &	STACKE	D OL	JT POOH \	N/ FREE PC	DINT TO	OLS ET	C RIG U	POWER
				SWI	IVEL SET 51	/2" TA/C	@3	830' RIG E	OWN POW	ER SW	IVEL CL	OSE WE	LL IN FOR NIGHT
				5:30	PM SDFD								
CLASICO	ODE	SUB DE	SCDII	DTION	<del>, , , , , , , , , , , , , , , , , , , </del>		DAY	COST	711000				
	001		JUNI	FIION		<del></del>			ENDOR ODS-GUIDE	e el lo			AMOUNT
293 1	001	1001							NADARKO-A		)		
	001								OT OIL EXP				
	001			******					CH TAC CO				
,		1001							HOENIX				
	500   1 502   1								OOL	•			
	506		-						HAMPION C	HEM			
293 15	513	1513		***************************************					ELSONS ELSONS			-	
	513							PF		-			
	513								BS TOOLS				
	513 1 000 3		·/-·					KN	NGHT				
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WINS	S No	: 60	099			CLAW	SON SF	RING U	TAH 10-41	5	Date	: 1/14/2005
AFE			NE		D	aily Co	mpletion	and Wo	rkover Re	port	DOL	: 5
REPT NO. 5	. OPER	ANA		(O PETRO	DLE	JM CORP	FIELD	AME DRUNKARI	OS WASH	SUPERVISOR	ENGINEER JIM HAF	RTLEY /
API 43-015	5-303	91 sta		UTAH		COUNTY	MERY	DIVISION	ESTERN	RIG NAME	Well Servi	ice POOL #808
CURRENT			OFF	TBG AGA	INI	<del></del>				1		
24 HR FO	RECAST	Γ							The state of the s			
ELEV	VVOI	GL ELEV		RKB	F	ORMATION			TMD	TVD	РВТМ	D PBTVD
JOB#	IOBS	TART DA	TE	7.00		LEOTINE		-	(ft)	(fi	)	(ft) (ft)
306 #	3083		/2005	JC	)B QB	JECTIVE MA	INTENANC	E	AUTH COST / V	wi% ' %	DAY COST / C	CUM COST
						1	CASII	NG DETAIL	S			
ASSEM X-OVE				SIZE	11	NST DATE	FROM (ft)		DESCRIPTION			
TUBIN				2.87	1		0	0.8 3,330.5	4,177.12'; 2.8			v /
PBTD	<u> </u>			2.07	+		0	4,360.0	6.5#, J-55, 10 FILL @ 4,335			
EOT							0	4,213.8	7,000	O THO HEAT	( :)	
N/P JT				2.375	1		0	31.0	4,182.78'; 4.7	7#, J-55		
SLIM F		TAC		5.5"	$\perp$		0	3,8	4,178.98'; TE	CH TAC		
+45 SN TUBIN				2.375	<u>'</u>		0	1.1	4,177.92'			1 = 10 44444 44444
Tubing				2.87 2.875			0	809.3	6.5#, J-55, 20		YLINED	
Surface		lna .		8.625			0	32.4	6.5#, J-55, 1	JI		
Produc				5.5"	_		0	4,405.0	17#, N-80			
								PERFS	111111111111111111111111111111111111111			A final the distribution of the second of th
ZONE				DAT	E	SIDE	TRCK#	STATUS	TYP	E	TOP (ft)	BASE (ft)
							ОН	OPEN JMMARY	Perfora		4,011.00	4,150.00
COLLA	K, SL	)FD						TION DETA		Y BACKING	OFF TBG	, TRY JUMPING
HOU 07:00-1		DUR	COD	E SUB D	ESC	RIPTION	22222					
07.00-1	7.50	10.30		B B Si P P	ADE IDN' JST ROA CRE ULL OOH RY A	E SURE RATE CUT TBOME COME COME COME COME COME COME COME C	NDIAL TORO RUN BRO COLLAR @ 4 CTRING SHO COGETHER 30' LAY DO P 1 JT TBG BACK OFF NG SHOT S	CH ABLE TO DACH RUN 50' TRY AG OT TRY BA UNABLE T WN JT OF RIH RESET RODS UNA SHOOT @ (	D GO DOWN F 2ND CUTTER GAIN TO CUT T CKING OFF TE O GET DOWN TBG RIH W/ 7. TA/C @ 3830 BLE TO BACK	HOLE RIH T STILL DIDN BG STILL I BG BACKEI HOLE W/! /8" RODS & 'RUN SINK (OFF RUN 2' TRY AGA	RY TO CI I'T CUT TE DIDN'T CU D OFF 1 J BROACH I BROACH ER BAR F BROACH IN TO BAG	G PERF HOLES IT @ 440' RUN IT DOWN HOLE RELEASE TA/C I GOT TO 550'
CLASIC	ODE	elin	DEC	CRIPTION			DA	Y COST	and the state of t			
		1001	DE9	-KIM HON					ENDOR	CLIDO		AMOUNT
		1001	-						ODS-GUIDES- NADARKO-AZ			
293	1001	1001							OT OIL EXPRE			
		1001							ECH TAC CO			
		1001							HOENIX			
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	1502 1504	1502 1504							HAMPION CHE			
		1504		<del></del>		· · · · · · · · · · · · · · · · · · ·			EATHERFORI	D WL		
		1513							IELSONS			
		1513							IELSONS RS			
		1513					***************************************		BS TOOLS			
		1513		-		<del></del>			NIGHT			

WIN	0 110																
AFE	No:	NO	NE		Daily Co	mple	etion	and Wo	rkov	er R	epor	t		DO	DL:	6	
6	OPER/	ANA		) PETROL	EUM CORP		FIELD NA D	ME RUNKARD	S WA	\SH	SUPE	RVISO			r HART	LEY	1
ы 43-01	5-3039	STAT		TAH	COUNTY	MERY	,	DIVISION	STEF	RN	RIG N		ol We	ell S	ervice	e PC	OL #80
	T STATU		TBG, I	ISH ETC	W/ NEW JA	RS ET	·C.		***************************************		1			***************************************			
HR FO	PRECAST	TOTAL CONTRACTOR OF THE PARTY O		,								,					
.EV		GL ELEV		КВ	FORMATION					TMD		TVD		F	BTMD		PBTVD
В#	JOB S	TART DA	TE	7.00 Joe	OBJECTIVE				AU	TH COST	t) /wi%		(ft)	( CO	ST / CU	ft)	i T
			2005			AINTEI	NANCE				/ %				31760	WEGO	
00E	MDLV			0175	INCT DATE			G DETAILS	_								
OVE	MBLY ER			SIZE	INST DATE		0 (tt)	TO (ft) 0.8		CRIPT 7.12'; 2		v2 37	5"				
JBIN				2.87	1		0	3,330.5		, J-55,				INE	ΞD		
BTD							0	4,360.0		@ 4,3							
TC			,				0	4,213.8									
	r W/HC			2.375"			0	31.0		2.78'; 4							
	HOLE	IAC		5.5"			0	3.8		8.98'; 7	TECH	TAC					
15 S JBIN				2.375" 2.87		1	0	1.1		7.92'	00 17	2 00	1 371 1	A 10-1			
iping		·		2.875			0	809.3 32.4		, J-55, , J-55,		S. PC	LYLI	NE	<u> </u>		
	e Casi	ina		8.625"			0	0	0.5#	, <b>J</b> -55,	131.						
	ction C			5.5"			0	4,405.0	17#.	N-80							
				<del>' </del>					1 ,								
							Р	ERFS									
ONE				DATE	SIDE	ETRC				TY	'PE		TC	)P (	ft)		BASE
ONE IH W	// 7/8"	RODS	& BRC	ACH, RIF	I W/ JET CU	ОН	C# SUI	STATUS OPEN MMARY		Perfo	orated	JT, J	4,0	OP ( )11.	00	BAC	<b>BASE</b> 4,150
IH W	// 7/8" NEW J	ARS, E	BACK (	OACH, RIL DFF, SDF[	I W/ JET CU	OH TTER,	SUI CUT O	STATUS OPEN MMARY	456',	Perfo	orated	JT, J	4,0	)11.	00	BAC	4,150
IH W I NU	// 7/8"   NEW J.	ARS, E	BACK (	OACH, RIH OFF, SDFI	W/JET CUTO	OH TTER, <b>O</b> F	SUI CUT O	STATUS OPEN MMARY OFF TBG @	456',	Pool-	rated I W/ 1		4,0 AR C	)11. )N T	00 BG,		4,150 K OFF
IH W 1 NU	// 7/8" NEW J	ARS, E	BACK (	OACH, RIH DFF, SDFI SUB DE 7:0	W/ JET CU SCRIPTION 0 AM BLEED	OH TTER, OF	SUI CUT O	STATUS OPEN MMARY FF TBG @ ION DETAI	456', LS	Perfo POOH	W/ 7/	8" RC	4,0 AR C	011. 0N 7	00 BG, 900"	BRO	4,150. K OFF
IH W I NU	// 7/8"   NEW J.	ARS, E	BACK (	OACH, RIF DFF, SDFI SUB DE 7:0	SCRIPTION 0 AM BLEED DE SURE A	OH TTER, OF PRES BLE TO	SUI CUT O	STATUS OPEN MMARY FF TBG @ ION DETAI F WELL CO CUTTER D	456', LS	Perfo POOH OL RIH	W/ 7/	8" RC	4,0 AR C	011. 0N 1 & 1.	00 FBG, 900"	BRC	4,150 K OFF DACH TO NE RUI
IH W I NU	// 7/8"   NEW J.	ARS, E	BACK (	SUB DE	SCRIPTION 0 AM BLEED DE SURE AN	OH TTER, OF PRES BLE TO	SUI CUT O	STATUS OPEN MMARY OFF TBG @ ION DETAI WELL CO CUTTER D @ 456' POO	456', LS ONTRO	POOF POOF OL RIH I RIG U	W/ 7/ W/ 7/ WP WE	8" RC	4,0 AR C  DDS 8 ERFC	011. 0N 1 & 1. 0RC	00 FBG, 900" 9 WIR D LA	BRC RE LI	4,150 K OFF DACH TONE RUI
M HI	// 7/8"   NEW J.	ARS, E	BACK (	SUB DE 7:0 MA CU PU	SCRIPTION 0 AM BLEED DE SURE AI TTER SHOOL LL 1 JT 27/8 G MADE APF	OH  TTER,  OF  PRES BLE TO  T TBO " POL'  PROX	SUI CUT O PERAT SS OFF O GET G OFF ( Y LINEI 20' OF	STATUS OPEN MMARY OFF TBG @ ION DETAI F WELL CO CUTTER D @ 456' POO D TBG HAN HOLE JAR	456', LS ONTRO OWN OH RI HGING	Performance Pool-	W/ 7/ UP WE VN WI ERY E	8" RC ATHE EATH BAD F B BAC	AR CODS & ERFC	& 1. ORD ORD FF	900"  O WIR  O LA  SURF	BRC RE LI TCH ACE GOT	A,150 K OFF DACH TO NE RUI ONTO JARS V
M HI	// 7/8"   NEW J.	ARS, E	BACK (	SUB DE 7:0 MA CU PU TB	SCRIPTION 0 AM BLEED DE SURE AI TTER SHOO LL 1 JT 27/8 G MADE API L 5 JTS OUT	OH TTER, OF PRES BLE TO T TBO " POL' PROX OF HO	SUI CUT O PERAT SS OFF O GET G OFF ( Y LINEI 20' OF OLE ST	STATUS OPEN MMARY OFF TBG @ ION DETAI  WELL CO CUTTER D @ 456' POO D TBG HAN HOLE JAR FILL LACK:	456', LS ONTRO OWN OH RI HGING IS QU 301' O	Performance Pool-	W/ 7/ W/ 7/ WP WE WN WI ERY E RKING	8" RC ATHE EATH BAD F B BAC DE UF	AR CODS & ERFC	& 1. ORLORI ORI ORI W B	900" 900" WIR D LA BURF TBG	BRC RE LI TCH ACE GOT	A,150 K OFF DACH T NE RUI ONTO JARS I 4 JTS SUB JAI
IH W I NU	// 7/8"   NEW J.	ARS, E	BACK (	SUB DE 7:0 MA CU PU TB	SCRIPTION 0 AM BLEED DE SURE AI TTER SHOO LL 1 JT 27/8 G MADE API L 5 JTS OUT CELERATOR	OH TTER, OF D PRES BLE TO T TBO " POL' PROX OF HOR	SUI CUT O PERAT SS OFF (0 G OFF (1 Y LINEI 20' OF OLE ST SCREV	STATUS OPEN MMARY OFF TBG @ ION DETAI F WELL CO CUTTER D @ 456' POO D TBG HAN HOLE JAR FILL LACK: V BACK IN	456', LS DOWN DH RI HGING IS QU 301' O	Performance Pool-	W/ 7/ W/ 7/ UP WE VN WI ERY E RKING H MAE	8" RC ATHE EATH BAD F G BAC DE UF	AR CODS & ERFCRIG UCK OF NEW	& 1. ORD ORI ORI W B	900" 900" O WIR D LA SURF TBG	BRO RE LI TCH ACE GOT ER S	A,150.  K OFF  DACH TO NE RUITO ONTO JARS NO J
M H 1 NL	// 7/8"   NEW J.	ARS, E	BACK (	SUB DE T:0 SUB DE T:0 MA CU PU TB TTI AC AF	SCRIPTION 0 AM BLEED DE SURE AI TTER SHOC LL 1 JT 27/8 G MADE APF L 5 JTS OUT CELERATOR TER 1ST HIT	OH  TTER,  OF  OF  PROS  PROS  OF  RRIH:	SUI CUT O PERAT SS OFF O GET G OFF ( Y LINEI 20' OF OLE ST SCREV BACKII	STATUS OPEN MMARY OFF TBG @ ION DETAI  WELL CO CUTTER D @ 456' POO D TBG HAN HOLE JAR FILL LACK: V BACK IN' NG OFF FR	456', LS ONTRO OWN OH RI IGINO IS QUI 301' C	Performance Pool-	W/ 7/ W/ 7/ W/ 7/ W/ WI W/ WI ERY E RKING H MAE ART JA	8" RC ATH EATH BAD F B BAC DE UF ARRII	AR CODDS & ERFCERIG UCK OF NEW	& 1. & 1. ORI ORI ORI ORI ORI ORI ORI ORI	900" 900" WIR D LA SURF TBG SUMP	BRO RE LI TCH ACE GOT ER S	A,150.  K OFF  DACH TO NE RUITO ONTO JARS NO J
М Н 1 ИС	// 7/8"   NEW J.	ARS, E	BACK (	SUB DE T:0 SUB DE T:0 MA CU PU TB TTI AC AF	SCRIPTION 0 AM BLEED DE SURE AI TTER SHOO LL 1 JT 27/8 G MADE API L 5 JTS OUT CELERATOR	OH  TTER,  OF  OF  PROS  PROS  OF  RRIH:	SUI CUT O PERAT SS OFF (O Y LINEI 20' OF OLE ST SCREV BACKII ARS CI	OPEN MMARY OFF TBG @ ION DETAI WELL CO CUTTER D @ 456' POC D TBG HAN HOLE JAR TILL LACK: V BACK IN' NG OFF FR LOSE WEL	456', LS ONTRO OWN OH RI IGINO IS QUI 301' C	Performance Pool-	W/ 7/ W/ 7/ W/ 7/ W/ WI W/ WI ERY E RKING H MAE ART JA	8" RC ATH EATH BAD F B BAC DE UF ARRII	AR CODDS & ERFCERIG UCK OF NEW	& 1. & 1. ORI ORI ORI ORI ORI ORI ORI ORI	900" 900" WIR D LA SURF TBG SUMP	BRO RE LI TCH ACE GOT ER S	A,150.  K OFF  DACH TO NE RUITO ONTO JARS NO J
M H 1 NU 1 OH -00:	// 7/8" NEW J. JRS 18:00	DUR 11.00	CODE	SUB DE SUB DE 7:0 MA CU PU TB TT AC AF BA	SCRIPTION 0 AM BLEED DE SURE AI TTER SHOC LL 1 JT 27/8 G MADE APF L 5 JTS OUT CELERATOR TER 1ST HIT	OH  TTER,  OF  OF  PROS  PROS  OF  RRIH:	SUI CUT O PERAT SS OFF (O Y LINEI 20' OF OLE ST SCREV BACKII ARS CI	STATUS OPEN MMARY OFF TBG @ ION DETAI WELL CO CUTTER D @ 456' POC D TBG HAN HOLE JAR FILL LACK: V BACK IN' NG OFF FR LOSE WEL Y COST	456', LS ONTRO OWN OH RI IGINO IS QU 301' O TO TE ROM T	Performance POOL POOL RIH RIG U G DOV G UP V OIT WO DF FISI BG ST/ FBG M FOR NI	W/ 7/ W/ 7/ W/ 7/ W/ WI W/ WI ERY E RKING H MAE ART JA	8" RC ATH EATH BAD F B BAC DE UF ARRII	AR CODDS & ERFCERIG UCK OF NEW	& 1. & 1. ORI ORI ORI ORI ORI ORI ORI ORI	900" 900" WIR D LA SURF TBG SUMP	BRO RE LI TCH ACE GOT ER S	4,150 K OFF DACH TO NE RUI ONTO JARS V 4 JTS SUB JAI S QUIT VOULDI
HOUND HOU	// 7/8" NEW J. JRS 18:00	DUR 11.00	CODE	SUB DE T:0 SUB DE T:0 MA CU PU TB TTI AC AF	SCRIPTION 0 AM BLEED DE SURE AI TTER SHOC LL 1 JT 27/8 G MADE APF L 5 JTS OUT CELERATOR TER 1ST HIT	OH  TTER,  OF  OF  PROS  PROS  OF  RRIH:	SUI CUT O PERAT SS OFF (O Y LINEI 20' OF OLE ST SCREV BACKII ARS CI	STATUS OPEN MMARY OFF TBG @  ION DETAI  WELL CO CUTTER D @ 456' POC D TBG HAN HOLE JAR FILL LACK S V BACK IN' NG OFF FR LOSE WELL Y COST	456', LS  ONTRO OWN OH RI GINO IS QUE 301' OTE ROM TE L IN F	Performance POOL POOL RIH I RIG U G DOV G UP V IIT WO DF FISI BG STA FOR NI POR	W/ 7/ W/ 7/ WP WE WN WI ERY E RKING H MAE ART JA ADE S GHT	8" RC ATHE EATH BAD F B BAC DE UF ARRIM EVER 3:00 F	AR CODDS & ERFCERIG UCK OF NEW	& 1. & 1. ORI ORI ORI ORI ORI ORI ORI ORI	900" 900" WIR D LA SURF TBG SUMP	BRO RE LI TCH ACE GOT ER S	A,150.  K OFF  DACH TO NE RUITO ONTO JARS NO J
HOUND HOUND	// 7/8" NEW J. JRS 18:00	DUR 11.00 SUB 1001	CODE	SUB DE SUB DE 7:0 MA CU PU TB TT AC AF BA	SCRIPTION 0 AM BLEED DE SURE AI TTER SHOC LL 1 JT 27/8 G MADE APF L 5 JTS OUT CELERATOR TER 1ST HIT	OH  TTER,  OF  OF  PROS  PROS  OF  RRIH:	SUI CUT O PERAT SS OFF (O Y LINEI 20' OF OLE ST SCREV BACKII ARS CI	STATUS OPEN MMARY OFF TBG @ ION DETAI WELL CO CUTTER D @ 456' POC D TBG HAN HOLE JAR FILL LACK: V BACK IN' NG OFF FR LOSE WEL Y COST VI	456', LS  NTROOWN DH RI HGING ES QU B01' C TO TE ROM 1 L IN F	Performance POOL POOL RIH I RIG U G DOV G UP V IIT WO DF FISI BG STA FOR NI POR GUIDE	W/ 7/ W/ 7/ WP WE VN WI ERY E RKING H MAE ART JA ADE S GHT	8" RC ATHE EATH BAD F G BAC DE UF ARRIF EVEF 3:00 F	AR CODDS & ERFCERIG UCK OF NEW	& 1. & 1. ORI ORI ORI ORI ORI ORI ORI ORI	900" 900" WIR D LA SURF TBG SUMP	BRO RE LI TCH ACE GOT ER S	4,150 K OFF DACH TO NE RUI ONTO JARS V 4 JTS SUB JAI S QUIT VOULDI
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DNE  EED OFF SHING TO  HOURS :00-18:00	DUR 11.00	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETAI F WELL CC CONT TRYIN DKE RUN S' O BACK OF BED SPHEA IADE UP 1 J NTO FISH C WELL IN F AY COST	DNTR NG TO TRING F PO AR RI IT 27/ CONT OR N	Perfo FF, POO OL RUN O JAR F G SHOT OH W/ H TO F 18" TBG JARRIN IGHT 6	N BAG FISH I F SHG FISH T BS J NG O :00 P	CK DO LOOS DOT ( ING TOP N ARS N TB	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	50.00 W/ 120' 2 OLY LINE 7 JTS
DNE  EED OFF SHING TO  HOURS :00-18:00	DUR   11.00	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETAI OKE RUN S' O BACK OF BED SPHEA IADE UP 1 J NTO FISH CO WELL IN F	DNTR IG TO FRING F PO AR RI IT 27/ CONT OR N	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  18" TBG  JARRIN  IGHT 6	N BAG SISH I F SHG FISH ISH T BS J WG O POOP	CK DO LOOS DOT ( ING TOP N ARS N TB	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
DNE  LAS CODE  93 1001  93 1001	DUR 11.00	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETAI F WELL CC CONT TRYIN DKE RUN S' O BACK OF BED SPHEA IADE UP 1 J NTO FISH C WELL IN F AY COST V	DNTR IG TO FRING F PO AR RI IT 27/ CONT OR N	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  8" TBG  JARRIN  IGHT 6  OR  OIL EXP  TAC CO	N BAG SISH I F SHG FISH ISH T BS J WG O POOP	CK DO LOOS DOT ( ING TOP N ARS N TB	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
LAS CODE 93 1001 93 1001 93 1001	DUR   11.00   11.00   1001   1001   1001	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETA F WELL CC CONT TRYIN DKE RUN S' O BACK OF BED SPHEA IADE UP 1 J NTO FISH CO WELL IN F AY COST V IA F R	DNTR DNTR GTO TRING F PO AR RI IT 27/ CONT OR N ENDO OT C ECH HOEL	Perfo  OL RUN  D JAR F  G SHOT  OH W/  H TO F  8" TBG  JARRIN  IGHT 6  OR  OIL EXP  TAC CO  NIX  -GUIDE	N BAG N BA N BAG N BA N BA N BA N BA N BA N BAG N BA N BA N BA N BA N BA N BA N BA N BA	IH W  CK DO  COOS  OO 1  ARS  N TB  M SE	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
DNE  LEED OFF SHING TO  HOURS  7:00-18:00  LAS CODE 93 1001 93 1001 93 1001 93 1001 93 1001	SUB 1001 1001 1001 1001	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETAI F WELL CC CONT TRYIN DKE RUN S' O BACK OF BED SPHEA IADE UP 1 J NTO FISH C WELL IN F AY COST V H T P R	DNTR ONTR ONTR ONTR ONTR ONTR ONTR ONTR O	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  8" TBG  JARRIN  IIGHT 6  OR  OIL EXP  TAC CO  NIX  GUIDE  ARKO-/	N BAG N BA N BAG N BA N BA N BA N BA N BA N BAG N BA N BA N BA N BA N BA N BA N BA N BA	IH W  CK DO  COOS  OO 1  ARS  N TB  M SE	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
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EED OFF SHING TO  HOURS ':00-18:00	SUB 1001 1001 1001 1500 1502	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC F WELL CC CONT TRYIN DKE RUN S' O BACK OF BED SPHEA IADE UP 1 J NTO FISH CO WELL IN F AY COST  V H F R A P C C	DNTR NOT CONTROL ON TRING F PO AR RI IT 27/ CONT CONT CONTROL ON TO CONT	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  8" TBG  JARRIN  IGHT 6  OR  OIL EXP  TAC CO  NIX  GUIDE  ARKO-/  PION C	N BAC N BAC N BAC N BAC N SHO FISH I SH S J NG O S-SO D S-SU HEM	IH W  CK DO  COOS  OO N  ARS  N TB  M SE  S  IBS  C'	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
LAS CODE 93 1001 93 1001 93 1001 93 1500 93 1502 93 1504	SUB 1001 1001 1001 1500 1502 1504	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC F WELL CC CONT TRYIN DKE RUN S' O BACK OF BED SPHEA IADE UP 1 J NTO FISH C WELL IN F AY COST  V H T P R O R O V V V V V V V V V V V V V V V V	DNTR NOT CONTROL ON TRING F PO AR RI IT 27/ CONT CONT CONTROL ON TO CONT	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  8" TBG  JARRIN  IIGHT 6  OR  OIL EXP  TAC CO  NIX  GUIDE  ARKO-/  PION C  HERFO	N BAC N BAC N BAC N BAC N SHO FISH I SH S J NG O S-SO D S-SU HEM	IH W  CK DO  COOS  OO N  ARS  N TB  M SE  S  IBS  C'	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
LEED OFF SHING TO  HOURS 7:00-18:00  LAS CODE 193 1001 193 1001 193 1001 193 1500 193 1500 193 1502 193 1504 193 1506	SUB 1001 1001 1001 1500 1502 1504 1506	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETAIL F WELL CO CONT TRYIN DKE RUN ST O BACK OF BED SPHEA IADE UP 1 J NTO FISH C WELL IN F AY COST V H R P C V N N N N N N N N N N N N N N N N N N	DNTR ILS DNTR IG TC FRING F PO AR RI IT 27/ CONT OOR N  ENDO OOL HAM VEAT IIELS	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  8" TBG  JARRIN  IIGHT 6  OR  OIL EXP  TAC CO  NIX  GUIDE  ARKO-A  PION C  HERFC  ONS	N BAC N BAC N BAC N BAC N SHO FISH I SH S J NG O S-SO D S-SU HEM	IH W  CK DO  COOS  OO N  ARS  N TB  M SE  S  IBS  C'	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
LEED OFF ISHING TO  HOURS 7:00-18:00  LAS CODE 293 1001 293 1001 293 1001 293 1001 293 1500 293 1500 293 1504 293 1506 293 1513 293 1513	SUB 1001 1001 1500 1502 1504 1506 1513 1513	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETAIL OF WELL CO CONT TRYIN DKE RUN STO BACK OF BED SPHEA IADE UP 1 J NTO FISH CO WELL IN F AY COST V H R C V N R P C V N R P C V N R P C V N R R P C V R R R R R R R R R R R R R R R R R R	ENDO OOL CHAM WEAT USAN CONT OOL OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL OOL OOL OOL OOL OOL OOL OOL OOL OO	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  18" TBG  JARRIN  IGHT 6  OR  OIL EXP  TAC CONIX  GUIDE  ARKO-A  PION C  HERFO  ONS  ONS	N BAC N BAC N BAC N BAC N SHO FISH I SH S J NG O S-SO D S-SU HEM	IH W  CK DO  COOS  OO N  ARS  N TB  M SE  S  IBS  C'	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
CAS CODE  1001  10	SUB 1001 1001 1500 1502 1504 1513 1513 1513	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETAIL F WELL CO CONT TRYIN DKE RUN ST O BACK OF BED SPHEA IADE UP 1 J NTO FISH CO WELL IN F AY COST V H R C V N R P C R R R P C R R R R R R R R R R R R	ENDO OOL CHAM WEAT USA CONT OOL CONT OOL CHAM WEAT USA CONT OOL CHAM WEAT USA CONT OOL CHAM WEAT USA CONT OOL CHAM WEAT USA CONT OOL CHAM CONT OOL OOL CHAM CONT OOL CHAM OOL CHAM OOL CHAM OOL OOL OOL OOL OOL OOL OOL OOL OOL OO	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  18" TBG  JARRIN  IGHT 6  OR  OIL EXP  TAC CONIX  GUIDE  ARKO-A  PION C  HERFO  ONS  ONS  OOLS	N BAC N BAC N BAC N BAC N SHO FISH I SH S J NG O S-SO D S-SU HEM	IH W  CK DO  COOS  OO N  ARS  N TB  M SE  S  IBS  C'	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'
CAS CODE  1001  10	SUB 1001 1001 1500 1502 1504 1506 1513 1513	CODE	SCREW EARRING AT LIN PO 27/LO	BACK INTO F ACTION, SD SCRIPTION 0 AM BLEED REW BACK OLLARS ETC TEMPTS TO IED TBG MA IOH CHG OL 18" TBG SCR	OH SI FISH, JAR O FD OPERA OPE	STATUS OPEN JMMARY N TBG, BAC TION DETAIL F WELL CO CONT TRYIN DKE RUN ST O BACK OF BED SPHEA IADE UP 1 J NTO FISH CO WELL IN F AY COST V H R C V N R P C R R R P C R R R R R R R R R R R R	ENDO OOL CHAM WEAT USAN CONT OOL OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL CONT OOL OOL OOL OOL OOL OOL OOL OOL OOL OO	Perfo  OL RUN  OJAR F  G SHOT  OH W/  H TO F  18" TBG  JARRIN  IGHT 6  OR  OIL EXP  TAC CONIX  GUIDE  ARKO-A  PION C  HERFO  ONS  ONS  OOLS	N BAC N BAC N BAC N BAC N SHO FISH I SH S J NG O S-SO D S-SU HEM	IH W  CK DO  COOS  OO N  ARS  N TB  M SE  S  IBS  C'	4,0 / SPH  OWN SE US COLL/ TOOL NO 1/4 ACCE	TO F ING S AR @ S & 8 I" SS ELER	POO ISH T 31/2" I 349' JTS CHEI ATOR	4,15 OP @ 1 DRILL TOOK 2 27/8" POMICAL L R DC'S APPRO	00.00 W/ 120' 2 OLY LINE 7 JTS 0X 10'

WINS N	o: 60	099			CLAW	SON SP	RING UT	ΆΗ	10-41	5			D	ate:	1/	17/2	2005
AFE No:		ONE		[	Daily Cor	mpletion		kov	er Re	port			D	OL:	8		
REPT NO. OPE	ANA		O PETR	OLE	EUM CORP	FIELD NA	RUNKARD	S WA	\SH	SUPE				ER HAR	ΓLE'	Y /	
API 43-015-303		ATE	UTAH		COUNTY	MERY	DIVISION	STEF	RN	RIG N		ol W	ell S	Servic	e P	OOL	#808
CURRENT STAT		N FISH	L CONT	FISH	HING OPER	ATIONS				_ <b>_</b>							
24 HR FORECAS CONT WO	ST .				mio or Err		toures										
ELEV	GL ELE		RKB		FORMATION				TMD		ΓVD	/£L\		PBTMD		P	BTVD .
JOB# JOB	START D				BJECTIVE		_	AL	(ft)	WI%		(ft)	AY Ç	OST / CL	(ft) JM CC	OST	(ft)
	1/:	7/2005			MA	INTENANCE			\$ /	/ %			_				
ASSEMBL'	/		SIZI	=	NST DATE		G DETAILS TO (ft)		CRIPTIC	ON.							
X-OVER	<u>'</u>		JIZI		INSTUALL	0	0.8		7.12'; 2.8		2.37	5"					
TUBING			2.87	7		0	3,330.5		, J-55, 1				YLIN	IED			
PBTD						0	4,360.0	FILL	. @ 4,33	5' (NC	) NE	W F	FILL	)			
EOT N/P JT W/F	OLE		0.27	-0		0	4,213.8	4.40	0.701. 4 :	7.4 1							
SLIM HOLE			2.375 5.5			0	31.0 3.8		2.78'; 4. 8.98'; TE					-			
+45 SN	. 17.0		2.37			0	1.1		7.92'	_011 1	AC	······					
TUBING			2.87			0	809.3		, J-55, 2	6 JTS	. PC	LYL	LINE	ED.			
Tubing			2.87			0	32.4	6.5#	, J-55, 1	JT.							
Surface Ca Production			8.625 5.5			0	0 4,405.0	174	N-80								
roddollon	Odonig		0,0				PERFS	117#,	14-00	<del></del>							
ZONE			DA	TE	SIDE	TRCK#	STATUS		TYP	)F		T	OP	/ft\	т	В.	SE (ft)
						ОН	OPEN		Perfor				,011		<del>_</del>		150.00
	·				*		MMARY								<u> </u>	-	
BLEED OFI INTO FISH,	PRES	SS, CC	ONT JARI	RINC	G, BACK OF	F TBG, CHO	OUT TOO	LS, F	ISH FOR	₹ 1/4"	SS	CHE	EMIC	CALL	INE	, RIH	SCREW
111071311,	CONT	JAKE	and, SD	רט		OPEDAT	ION DETAI	1.0									
HOURS	DUR	COD	E SUB	DES	CRIPTION	OFERAI	ION DETAI	LO	.*			-				terberane en euro	
07:00-17:30	10.50	)				PRESS OF	WELL CO	NT J	ARRING	ON F	ISH	TR	Y AN	HTO	ER	BACI	COFF OF
				TBG	ETC @ 370	) BACKED (	OFF POOH:	LAY I	DOWN C	DLD F	ISHI	NG	TO	OLS L	AY	DOW	VN 1 JT
				27/8'	" POLY PIPI	E MADE UP	SPHEAR R	IH M	ADE SE	VERA	LRU	JNS	RE	COVE	ERIN	NG 1/	/4" SS
				SISE	IN LINE KE	COVERED A	RPROX 450 G ON FISH	OLO.	DE UP 1	1 J   2	//8" :∩¤	TBO	G RI	H SC	REV	V BA	CK INTO
ļ	<del></del>			101	1 @ 0,0 00		Y COST	OLO.	OL VVLL	LIIVI	OR	IVIC	1 11	5.30	- 101	SDFL	<i></i>
CLAS COD	E SUB	DES	CRIPTIO	N				ENDO	OR		<del></del>					Δ	MOUNT
293 1001	1001								GUIDES	-SUB	S					<u> </u>	
293 1001 293 1001									RKO-AZ								
293 1001									IL EXPR TAC CO	ESS						-	
293 1001								HOEN								-	
293 1500								DOL								$t^{-}$	4
	1502		*****						PION CH							<u> </u>	
	1504		<del> </del>		·				HERFOR	RD W						ļ	_
	1513					***		ELS(									. 4
293 1513	1513							₹S	2,10								-
	1513								DOLS							1	7
293   1513 293   3000	1513						K	IIGH	T								
293   3000	3000	<u> </u>														.l	

WINS	No:	60099	9	,	CLAW	SON SP	RING UT	AH 10-4	15	D	ate: 1	/18/2005
AFE N	Vo:	NONE	Ξ		Daily Cor	mpletion	and Wo	rkover R	eport	D	OL: 9	)
REPT NO.	OPERA	ANADAI	RKO F	PETROL	EUM CORP	FIELD N	RUNKARD	S WASH			EER HARTL	EY /
API 43-015-	-3039	STATE	UTA	———— 4Н	COUNTY	MERY	DIVISION	STERN	RIG NAME		Service	POOL #808
CURRENT	STATUS	<u> </u>	-							narryanina king Pandhala ang ang an ang		
WAII C		KUEKS, V	/VAII	ON NEW	TOOLS, ET	<u> </u>						
WAIT	ON OF				ORKING ON	WELL						
ELEV	G	SL ELEV	RKE	в 7.00	FORMATION			TMD (	(ft)	(ft)	PBTMD (ft	)   PBTVD   (ft)
JOB#	JOB ST	ART DATE			OBJECTIVE	INTENANC		AUTH COS			OST / CUM	
	<u> </u>	1/7/200	05		IVI <i>I</i> -		G DETAILS		Ψ1 /0		-	A series and the series and the series and the series and the series are the series and the series are the series and the series are the seri
ASSEM	IBLY			SIZE	INST DATE			DESCRIP	TION			
X-OVE				<u> </u>		0	0.8	4,177.12';	2.875"x2.3			
TUBING	3			2.87		0	3,330.5	6.5#, J-55				······································
PBTD		***				0	4,360.0	FILL @ 4,	335' (NO N	ı=W FILl	-)	
EOT N/P JT	MILL	) E		2,375"		0	4,213.8 31.0	4 182 78'	4.7#, J-55			
SLIM H				5.5"		0	31.0		TECH TA		,	
+45 SN		.,,,,		2.375"		0	1.1	4,177.92'			and the second s	
TUBING				2.87		0	809.3	6.5#, J-55	, 26 JTS. F	POLYLIN	ED	
Tubing				2.875		0	32.4	6.5#, J-55	, 1 JT.			
Surface				8,625" 5.5"		0	4,405.0	17#, N-80				
Product	tion C	asing		0.0			PERFS	117#, 11-00			**********	
ZONE	···		-Т	DATE	SIDE	ETRCK #	STATUS	Т	YPE	TOF	(ft)	BASE (ft)
20142				<u> </u>	O I DI	OH	OPEN		forated		1,00	4,150.00
							JMMARY					
WORK	TBG,	TRY ST	RING	SHOT, T	RY SEVERA				K-OFF, SD	FD		
						OPERA	TION DETA	ILS				
HOU			ODE		SCRIPTION	י מרטי פי	E WELL OF	MITONICO	7VIT 1V D.D.	INIC ON	CICILIC	OT IAD ACTION
07:00-1	17:00	10.00			O AM BLEEL							OST JAR ACTION AL SHOTS
					ULDN'T GE							
1				, TO	GETHER DO	ANOTHER	MANUAL E	ACKOFF R	ECOVERE	ED 5 JTS	TBG S	CREW BACK
												TS 27/8" TBG
					P JT X-OVE							
					MPER SUB. 1/4" SS CL					27/0" IBC	o a APF	PROX 6' PC TBG
		<u> </u>		144/	.,, 00 01		AY COST					
CLAS	CODE	SUB D	ESCR	RIPTION			٧	'ENDOR	1			AMOUNT
293	1001	1001						RODS-GUID				
		1001						NADARKO				
		1001						IOT OIL EX ECH TAC (		magnetic of the control of the contr		
		1001						HOENIX	J. (			
		1500						POOL	. ,			
293	1502	1502						HAMPION	CHEM			
		1504						VEATHERF	ORD WL			
		1506						IIELSONS				
		1513 1513						IIELSONS PRS				
		1513						RBS TOOLS	)			
293	1513	1513						NIGHT				
293	3000	3000										
				1								
Printed: 1	/17/2005	4:27:04 PM						****				Page 1 of 1

WINS No:	60099		CLAWSOI	N SPI	RING UT	AH 10-41	5	D	ate: 1	/19/2005
AFE No:	NONE	D	aily Comple	etion	and Wor	kover Re	port	D	OL: 1	0
REPT NO. OPERATO		KO PETROLEI	JM CORP	FIELD NA	RUNKARDS	S WASH	SUPERVISO		EER I HARTLE	ΞΥ /
API 43-015-30391	STATE	UTAH	COUNTY	,	DIVISION	STERN	RIG NAME	ol Well	Service F	POOL #808
CURRENT STATUS	ON FISH	4	<u> </u>				<b>L</b>		.,,	
24 HR FORECAST CONT WORK	·						announced and the second second second second second second second second second second second second second se			
	ELEV	RKB	FORMATION			TMD	TVD	((1)	PBTMD	PBTVD
JOB# JOB STA	ART DATE	7.00 JOB OF	BJECTIVE			(ft		(ft)	OST / CUM (	ost (ft)
	1/7/200	5	MAINTE				/ %			
ACCEMBLY		0.75	VOT DATE EDG		IG DETAILS		ON			
ASSEMBLY X-OVER		SIZE	NST DATE FRO	OM (ft) O	TO (ft) 0,8	DESCRIPTI 4,177.12'; 2		75"		TO PART MARRIES.
TUBING		2.87		0	3,330.5	6.5#, J-55,			NED	
PBTD		2.07	,	0	4,360.0	FILL @ 4,33				
EOT				0	4,213.8					
N/P JT W/HOL		2.375"		0	31.0	4,182.78'; 4				
SLIM HOLE TA	AC	5.5"		0	3.8	4,178.98'; T	ECH TAC	<u> </u>		
+45 SN		2.375"		0	1.1	4,177.92'		<u> </u>		
TUBING		2.87		0	809.3	6.5#, J-55, 2		OLYLIN	FD	
Tubing		2.875		0	32.4	6.5#, J-55, 1	IJI.			
Surface Casin Production Ca		8.625" 5.5"		0	0 4,405.0	17#, N-80				
Fioudction Ca	isiriy	3,0			PERFS	117#, 14-00				
ZONE		DATE	SIDETRC		STATUS	TY	DE	TOF	) /f+\	BASE (ft)
ZONE		DATE	OH	N #	OPEN	Perfo		4,01		4,150.00
				SU	IMMARY	1 1 0110	ratod	7,01	1.00	4,100.00
BLEED OFF F	PRESS R	IH W/ SPHEAR	R, RUN MAGNE			RUN W/ GUA	GE RING	RIH W	// NEW A	NADRIL JARS
			POINT TBG ETC			,		-,		
	,				TION DETAI	LS				
HOURS	DUR CO	DE SUB DES			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	3.50		AM BLEED PRE	SS OF	F WELL CO	NTROL MAD	DE UP NE	W JARS	S BS AC	CELERATOR
			BED SPHEAR R							
			CKED SLIP DIE							
		1 1	OVERED SLIP							
			DRIL LUBRICAT							
		SUB	3 JTS 27/8" L-80	TBG S	SCREW INT	O DRIL COL	LAR @ 2	88' CON	VT WOR	KING FISH
			RING ETC MADE							
1		1 1	EPOINT ON TO							
			TED RELOG TB	GEIC	RIG DOWN	WEATHER	-ORD CL	OSE WI	ELL IN F	OR NIGHT 8:30
		I ILIVIS	SDFD	D 4	Y COST					
CLAS CODE	SIIR DE	SCDIDTION		. UP		ENDOR				AMOUNT
293 1001		JORIF HON				ODS-GUIDE	S-SLIBS			AMOUNT
293 1001						NADARKO-A				
293 1001						OT OIL EXP				
	1001			<del></del>		ECH TAC CO				
293 1001						HOENIX				
293 1500					P	OOL				
293   1502						HAMPION C				
293 1504		· · · · · · · · · · · · · · · · · · ·				EATHERFO	RD WL			
293 1506						IELSONS				
293   1513						IELSONS				
293 1513						RS				
293 1513						BS TOOLS				
293   1513					K	NIGHT				<b></b>
293   3000   3	3000	<del></del>							-	

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NINS No:	0008	, 5		CLAW													
AFE No:	NON	IE		Daily Co				kov						L: 1	11		
EPT NO. OPERA	ror ANAD	ARKO	PETROL	EUM CORP		FIELD NA DI	RUNKARDS	S WA	\SH			I / ENG JI		ARTL	EY/		
<sup>рі</sup> 13-015 <b>-</b> 3039	STATE	UT	AH	COUNTY	MERY		DIVISION WES	STEF		RIG NA		l We	II Se	rvice	POC	DL #808	
URRENT STATUS PREP TO MI		FISH															
HR FORECAST CONT WORL	KING O	N WE	_L, FISHI	NG												7	
_EV G	L ELEV	RK	7.00	FORMATION					TMD (ft)	1	סעז	(ft)		BTMD (ft		1 .	ft)
DB# JOB ST	ART DATE 1/7/2		JOB	OBJECTIVE MA	AINTEN	NANCE		AU	TH COST / W \$ /			DAY	/ cos	T / CUM	COST		
				1			G DETAILS										
SSEMBLY			SIZE	INST DATE			TO (ft)	DES	CRIPTIO 7.12'; 2.8	N 275"v	0 27	E"					
C-OVER			2.07	1		0	0.8 3,330.5	6.5#	7.12, 2.0 t, J-55, 10	77.JT	2.37 S. P	OLYI	LINE				
UBING			2.87			0	4,360.0		_ @ 4,335								
PBTD OT						0	4,213.8	, ,,,,	- 65 1,000	- (140			/				
V/P JT W/HC	) F		2.375"			0	31.0	4.18	32.78'; 4.7	7#, J-	-55						
SLIM HOLE			5.5"			0	3.8		78.98'; TE								
45 SN			2.375"			0	1,1	4,17	77.92'								
TUBING			2.87			0	809.3		4, J-55, 26		<u>S. PC</u>	DLYL	INE	<u> </u>			
Fubing			2.875			0	32.4	6.5#	<del>4, J-55, 1</del>	JT.							
Surface Cas	ng		8.625"			0	0										
			5.5"	1		0 -	4,405.0	17#	!, N-80								
	asing								<u> </u>								
	asing					F	PERFS									2405	/64\
Production C	asing		DAT	E SID	ETRC	F	PERFS STATUS		TYP				OP (		<u></u>	BASE	
Production C  ZONE  POOH W/ 2	SET FI	SHING POOH,	DAT		ETRCH OH RUN SF	SU SHEAR	PERFS STATUS OPEN JMMARY K, RUN BOV	VEN	TYP Perfor	ated	RTE	4,	011	00	S, R	4,150	.00
Production C ZONE POOH W/ 2 CATCHING HOURS	SET FISH, F	POOH,	DATIOOLS, SDFD  SUB DI 7: W TT	1 JT TBG, F  ESCRIPTION DO AM BLEE HERE TBG TL NO RECC	ETRCHOH OH OH O O O O O O O O O O O O O O O	SUPPERATED MAIL SS OF THE MAIL RIH W. LARS	STATUS OPEN JMMARY R, RUN BOV TION DETA FF WELL CO DE RUN W/ J/ BOWEN G ACCELER	VEN	TYP Perfori OS, RUN ROL POO " OD NO V/ 27/8" G R X-OVEF	SKII SKII H W GO GRAP R 6'	/ TB( & BA PPLE TBG	3 DR RBE NEV SUB	011 L 2 IILL D S V BU 27/8	COLL PHEA JMPE 3" L-8	ARS IR M IR SI 0 TE	4,150 UN OS, B ETC C ADE 3 JB JAR BG TRY	TR HE RUN S
Production C ZONE POOH W/ 2 CATCHING HOURS	SET FISH, F	POOH,	DATI	1 JT TBG, F  ESCRIPTION  00 AM BLEE  HERE TBG  1 NO RECC  3/34" OD DF  ATCHING FIS  FM MILL RIH  ADN'T TOUC  DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG ( CHED T	SUPPERATED MAIL SSOFED MAIL RIH W LLARS 868' CC 9 368' BG M DWEN	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA OE RUN W/ // BOWEN G ACCELER. DULDN'T C/ MADE HOL ADE RUN # OS RIH TR	VEN JAS ONTF 43/4 OS W ATOH ATCH LE TO RY CA	TYP Perfor: OS, RUN OS, RUN OD NO W 27/8" G R X-OVER H POOH C O 373' PO ' SKIRTEL ATCHING	SKIII SKIII GO GRAP R 6' T CHEC DOH FISH	/ TBC & BA PPLE TBG CK T CHE LL M	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR 3G TRY SIRTED BTM MII H CHEC	TR'
Production C ZONE POOH W/ 2 CATCHING HOURS	SET FISH, F	POOH,	DATI	1 JT TBG, F  ESCRIPTION 00 AM BLEE HERE TBG 1L NO RECC 3/34" OD DF ATCHING FIS	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G B ACCELER. DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR	VEN JAS ONTF 43/4 OS W ATOH ATCH LE TO RY CA	TYP Perfor: OS, RUN OS, RUN OD NO W 27/8" G R X-OVER H POOH C O 373' PO ' SKIRTEL ATCHING	SKIII SKIII GO GRAP R 6' T CHEC DOH FISH	/ TBC & BA PPLE TBG CK T CHE LL M	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR 3G TRY SIRTED BTM MII H CHEC	TR'
Production CZONE POOH W/ 2 CATCHING HOURS 07:00-18:30	SET FI FISH, F DUR 11.50	CODE	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR	VVEN  IILS  ONTF  43/4  OS W  ATOP  ATCH  ETC  EY  EY  EY  EY  EY  EY  EY  EY  EY  E	TYP Performance OS, RUN ROL POO " OD NO W 27/8" G R X-OVEF H POOH C D 373' PO SKIRTEI ATCHING HT 6:30 F	SKIII SKIII GO GRAP R 6' T CHEC DOH FISH	/ TBC & BA PPLE TBG CK T CHE LL M	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR'
Production C ZONE POOH W/ 2 CATCHING HOURS D7:00-18:30	SET FI FISH, F DUR 11.50	CODE	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR	VVEN ILS ONTE 143/4 OS WATOFATCHETC RY CAR	TYP Performance OS, RUN ROL POO " OD NO W 27/8" G R X-OVER H POOH C O 373' PO SKIRTEL ATCHING HT 6:30 F	SKIII  SKIII  SH W  GO  GRAP  R 6'  CHECO  D MIII  FISH  FISH  S	/ TBC & BA PPLE TBG CK T CHE LL M	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR 3G TRY SIRTED BTM MII H CHEC	TR'
Production C ZONE POOH W/ 2 CATCHING HOURS 07:00-18:30  CLAS CODE 293 1001	SET FI FISH, F DUR 11.50	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST	VEN VEN VEN VEN CATCHER TO CATCHE	TYP Perform OS, RUN ROL POO " OD NO " 27/8" G R X-OVER H POOH ( D 373' PO SKIRTEL ATCHING HT 6:30 F	SKIII  SKIII  SH W  GO  GRAP  R 6'  CHECO  D MIII  FISH  FISH  S	/ TBC & BA PPLE TBG CK T CHE LL M	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR'
Production CZONE POOH W/ 2 CATCHING HOURS 07:00-18:30  CLAS CODE 293 1001 293 1001	SET FI FISH, F DUR 11.50	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST	VEN VEN VEN VEN CATCHER TO CATCHE	TYP Perform OS, RUN ROL POO " OD NO " 27/8" G R X-OVER H POOH ( D 373' PO SKIRTEL ATCHING HT 6:30 F	SKIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	/ TB0 & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR CHERUNS FLA
CLAS CODE  2008  POOH W/ 2 CATCHING  HOURS 07:00-18:30  CLAS CODE 293 1001 293 1001 293 1001	SET FI: FISH, F DUR 11.50	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST	VEN VEN VEN VEN CATOR	TYP Perform OS, RUN ROL POO " OD NO " 27/8" G R X-OVEF H POOH C O 373' PO O SKIRTEL ATCHING HT 6:30 F	SKIII SKIII	/ TBG & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR CHERUNS FLA
CLAS CODE  2001  CONE  C	SET FI: FISH, F DUR 11.50 11.50 11.50 11.50	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA FF WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST	VEN ILS  ONTF  43/4  OS WATOR  ATOR  ATOR  EVEND  FECH  PHOE  RODS  ANAL	TYP Perform OS, RUN ROL POO " OD NO " 27/8" G R X-OVEF H POOH C O 373' PO O SKIRTED ATCHING HT 6:30 F OOR I TAC CO ENIX S-GUIDES	SKIII SKIII	/ TBG & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR'
CLAS CODE  2008  POOH W/ 2 CATCHING  HOURS 07:00-18:30  CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1001	SET FI: FISH, F DUR 11.50	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST	VENUL VENUL	TYP Perform OS, RUN ROL POO " OD NO " 27/8" G R X-OVEF H POOH (C) 373' PO ' SKIRTEL ATCHING HT 6:30 F OOR H TAC CO ENIX S-GUIDES OARKO-A OIL EXPE	SKIII  SKIII  SKIII  SH W  GO  GRAP  R  GO  OH  FISH  FISH  OH  CHECO  OH  FISH  FISH  FISH  CHECO	/ TB0 & BA PPLE TBG CK T CHE- LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR'
CLAS CODE  2001  POOH W/ 2 CATCHING  HOURS  07:00-18:30  CLAS CODE  293 1001  293 1001  293 1001  293 1001  293 1500  293 1500  293 1500	SET FI FISH, F 11.50 11.50 1001 1001 1001 1001 1500 1502	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA FF WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST    F	VEN ILS  ONTF  43/4  OS W  ATOF  ATOF  ECH  PHOE  RODS  ANACH  HOT  POOL  CHAN	TYP Perfor: OS, RUN  ROL POO " OD NO " 27/8" G R X-OVEF H POOH C O 373' PO SKIRTEL ATCHING HT 6:30 F OOR I TAC CO ENIX S-GUIDES DARKO-A OIL EXPE	SKIII SKIII	/ TB0 & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR'
Production C ZONE  POOH W/ 2 CATCHING  HOURS 07:00-18:30  CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1502 293 1502 293 1502	SET FI FISH, F 11.50 11.50 1001 1001 1001 1001 1500 1502 1504	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST  I I I I I I I I I I I I I I I I I I	VEN ILS  ONTF  43/4  OS WATOR  ATOR	TYP Perform OS, RUN ROL POO " OD NO " 27/8" G R X-OVER H POOH ( D 373' PO ' SKIRTEL ATCHING HT 6:30 F OOR I TAC CO ENIX S-GUIDES DARKO-A OIL EXPEL MPION CH THERFOI	SKIII SKIII	/ TB0 & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR'
Production C ZONE  POOH W/ 2 CATCHING  HOURS 07:00-18:30  CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1500 293 1500 293 1500 293 1500 293 1500 293 1500	SET FIFISH, F  DUR  11.50  11.50  SUB  1001  1001  1001  1001  1500  1502  1504	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA OF WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST  I I I I I I I I I I I I I I I I I I	VEN ILS ONTF 43/4 OS W ATOR ATOR ATOR ATOR ATOR ATOR ATOR ATOR	TYP Perfor: OS, RUN  ROL POO " OD NO " 27/8" G R X-OVEF H POOH C O 373' PO SKIRTEL ATCHING HT 6:30 F OOR I TAC CO ENIX S-GUIDES DARKO-A OIL EXPE	SKIII SKIII	/ TB0 & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR CHERUNS FLA
CLAS CODE  POOH W/ 2 CATCHING  HOURS 07:00-18:30  CLAS CODE  293 1001 293 1001 293 1001 293 1500 293 1500 293 1500 293 1500 293 1500 293 1500 293 1500 293 1500 293 1500	SET FI FISH, F 11.50 11.50 1001 1001 1001 1001 1500 1502 1504 1506	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN OPEN JMMARY R, RUN BOV TION DETA F WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST  I I I I I I I I I I I I I I I I I I	VEN ILS  ONTF  43/4  OS W  ATOF  ATOF  ECH  PHOE  RODS  ANACH  HOT  CHAN  WEA  NIELS	TYP Perform OS, RUN  ROL POO " OD NO " 27/8" G R X-OVEF H POOH C O 373' PO SKIRTEL ATCHING HT 6:30 F OOR I TAC CO ENIX S-GUIDES DARKO-A OIL EXPF L MPION CH THERFOI SONS SONS	SKIII SKIII	/ TB0 & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR CHERUNS FLA
Production C ZONE  POOH W/ 2 CATCHING  HOURS 07:00-18:30  293 1001 293 1001 293 1001 293 1001 293 1500 293 1500 293 1500 293 1500 293 1500 293 1500 293 1500 293 1513 293 1513	SET FI FISH, F DUR 11.50 11.50 1001 1001 1001 1001 1500 1502 1504 1506 1513 1513	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA OF WELL CO DE RUN W/ J/ BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST  I I I I I I I I I I I I I I I I I I	VEN VEN VEN VEN VEN VEN VEN VEN VEN VEN	TYP Perform OS, RUN ROL POO " OD NO " 27/8" G R X-OVER H POOH C O 373' PO SKIRTEL ATCHING HT 6:30 F H TAC CO ENIX S-GUIDES DARKO-A OIL EXPE L MPION CH THERFOI SONS SONS	SKIII SKIII	/ TB0 & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR CHERUNS FLA
Production C ZONE  POOH W/ 2 CATCHING  HOURS 07:00-18:30  CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1502 293 1502 293 1502 293 1503 293 1513 293 1513 293 1513	SET FI: FISH, F DUR 11.50 11.50 1001 1001 1001 1001 1500 1502 1504 1506 1513 1513 1513	DESC	DATION STATE OF THE PROPERTY O	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA OF WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST	VEN VEN VEN VEN VEN VEN VEN VEN VEN VEN	TYP Perform OS, RUN ROL POO " OD NO " OD NO " 27/8" G R X-OVER H POOH C O 373' PO SKIRTEL ATCHING HT 6:30 F H TAC CO ENIX S-GUIDES DARKO-A OIL EXPEL MPION CH THERFOI SONS SONS	SKIII SKIII	/ TB0 & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR'
Production C ZONE  POOH W/ 2 CATCHING  HOURS 07:00-18:30  CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1500 293 1500 293 1500 293 1500 293 1513 293 1513 293 1513 293 1513	SET FI FISH, F DUR 11.50 11.50 1001 1001 1001 1001 1500 1502 1504 1506 1513 1513	DESC	DATIOOLS, SDFD  SUB DI 7: W TT 6- LA B' HA	1 JT TBG, F ESCRIPTION DO AM BLEE HERE TBG TL NO RECC 3/34" OD DF ATCHING FIS TM MILL RIH ADN'T TOUC DOLS MADE	OH  RUN SF  O PRE PARTE  OVERY SH @ 3 I TAG (CHED TO BE) E UP BG	SUPPERATED MALLARS 368' COM 368' COM 368' COM 368' COM SEWEN SEWE	PERFS STATUS OPEN JMMARY R, RUN BOV TION DETA OF WELL CO DE RUN W/ // BOWEN G ACCELER DULDN'T C/ MADE HOL ADE RUN # OS RIH TR ELL IN FOR AY COST	VEN VEN VEN VEN VEN VEN VEN VEN VEN VEN	TYP Perform OS, RUN ROL POO " OD NO " OD NO " 27/8" G R X-OVER H POOH C O 373' PO SKIRTEL ATCHING HT 6:30 F H TAC CO ENIX S-GUIDES DARKO-A OIL EXPEL MPION CH THERFOI SONS SONS	SKIII SKIII	/ TB0 & BA PPLE TBG CK T CHE LL M H CC DFD	4,0 D MIL 3 DR RBE NEV SUB OOLS CK T ILLEI	ULL 2  ILL DS  VBU 27/8 SCI	COLL PHEA JMPE 3" L-8 HG TC _S FL TL 8' F	ARS R M R SI 0 TE O SK AT E	4,150 UN OS, B ETC C ADE 3 JB JAR GG TRY (IRTED BTM MII H CHEC E POOH	TR'

WINS No:	60099		CLAW	SON SP	RING UT	AH	10-415			Date:	1/21/2005
AFE No:	NONE		Daily Cor	npletion	and Wo	rkov	er Rep	ort		DOL:	12
	ANADARK	O PETROL	EUM CORP	FIELD N	RUNKARD	S WA	SH			GINEER JIM HARTI	LEY /
арі 43-015-30391	STATE	JTAH	COUNTY	MERY	DIVISION	STER		RIG NAM		ell Service	POOL #808
CURRENT STATUS REPAIR RIG,	CONT MIL	LING ON F	ISH								
24 HR FORECAST CONT MILLIN		<del></del> ,							A COMPA Promotor of		
ELEV GI	ELEV	7,00	FORMATION				TMD (ft)	TV	'D (ft)	PBTMD (f	PBTVD (ft)
JOB # JOB STA	ART DATE 1/7/2005	JOB	OBJECTIVE MA	INTENANCE		AU	TH COST / W		DA	Y COST / CUN	
			•		IG DETAILS						
ASSEMBLY		SIZE	INST DATE		TO (ft)	~~~~	CRIPTIO	N	<del></del>		
X-OVER				0	0.8		7.12'; 2.8				
TUBING		2.87		0	3,330.5		, J-55, 10				
PBTD EOT		_	1	0	4,360.0	FILL	@ 4,335	(NO	NEW F	ILL)	
N/P JT W/HOL		2.375"		0	4,213.8 31.0	4 10	2 701 4 7	# 1 <i>E</i>	E		
SLIM HOLE TA		5.5"		0	3.8		2.78'; 4.7 <del>1</del> 8.98'; TE0				
+45 SN	10	2.375"		0	1.1	4,17		71117	10		
TUBING		2.87		0	809.3		, J-55, 26	JTS.	POLYI	INFD	
Tubing		2.875		0	32.4		, J-55, 1 J		OLIL		
Surface Casin	g	8.625"		0	0						
Production Ca	sing	5.5"		0-	4,405.0	17#,	N-80				
				F	PERFS						
ZONE		DATE	SIDE	TRCK`#	STATUS		TYPE		T	OP (ft)	BASE (ft)
				OH	OPEN		Perfora	ted	4,	011.00	4,150.00
BLEED OFF F	RESS, CO	NTROL, RI	H, MILL ON F	ISH W/ SKI	IMMARY RTED MILL	, POC	OH CHG T	OOL	S, RIH	W/ WASH	PIPE, CONT
MILLING, POO	OH, CHG T	OOLS, RIH	, CONT MILL				' TO 401'				
				OPERAT	TION DETAI	LS					The second secon
HOURS	DUR CODI		SCRIPTION								*** = *** *** * * * * * * * * * * * * *
07:00-17:00 1	0.00	7:0	O AM BLEED	PRESS OF	WELL, CO	NTRC	L, MADE	UP S	KIRTE	D MILL, RI	H, RIG UP DRL'G
		EQ.	OOTH PIG I	AUMNI DOLI	CEOUR E	AUE A	APPROX	10' O	F HOLE	:, 375 IO	385' MILLING ORT; MADE UP
	'	.	SHOVER SE	OVIN DRU	MASH DIDE		PIG LID	יי ופח	LS, CAI	L IN REP	VER FISH, MADE
											K TOOLS, CALL
	·	INI	REPORT: MA	DE UP NEV	V MILL SHO	E ON	WASH F	PIPE.	RIH. RI	G UP DRI	G EQUIP, CONT
		MIL	LING ON FIS	SH, MADE A	PPROX 1' C	OF HC	LE. BLE	<u>,</u> N UP	HYD H	OSE ON F	RIG, PULL UP
		OF	F BTM, CLOS	SE IN WELL	, REMOVE	BAD I	HOŚE, GE	ET PA	RTS T	O REPAIR	RIG, 5:00 PM
		SD					•				
		<u>  MA</u>	DE 3 TRIPS			ADE I	HOLE FRO	3 MC	75' TO	401'	
CLASIOCET :	OUD DEC	0010=10-		DA	Y COST						
293 1001 1		CRIPTION				ENDC		0115			AMOUNT
293 1001							GUIDES-		5		
	1001		<del></del>				RKO-AZT LÆXPRE				
	1001	·					AC CO	.00			
	1001	• •				HOEN					
l	1500					OOL					
	1502						PION CHE	M			
293 1504 1	1504						ERFORE	TAT			
	1506					ELSC					
293   1513   1			***************************************			ELSC					
293   1513   1						RS					
293   1513   1						BS TO	OOLS				
293   1513   1	1513				Kı	VIGH	Γ				
	4										
Printed: 1/20/2005 6	:34:42 PM						·				D

WIN	S No	: 600	99		*******	CLA	wso	N SP	RING U	ГАН	10-41	5			ate:	1/2	2/2005
AFE	No:	NO	NE			Daily Co	omple	etion	and Wo	rkov	er Re	eport			OL:	13	
13	O. OPER	ANA		O PET	ROL	EUM CORI	Р	FIELD N.	RUNKARE	S W	ASH		RVISOR /		IEER 1 HAR	ΓLEY	1
API 43-01	5-303	91   STA		HATL		COUNTY	EMERY	1	DIVISION	ESTE	RN	RIG NA		Well	Servic	e PO	OL #808
	TO R		SE GR	APPLE	, FR	OM TBG											
24 HR F	DRECAST	r		,		OF HOLE			<del></del>				******				
ELEV		GL ELEV		RKB		FORMATION					TMD		TVD ((		РВТМО		PBTVD
JOB#	JOB S	START DA	TE	7.0		OBJECTIVE				Al	TH COST		(ft	•	COST/CL	(ft)	(ft)
<u> </u>		1/7	/2005				MAINTE			$\perp$	\$	/ %					
ASSE	MRIV	;		SI		INST DAT	E EDC		IG DETAIL TO (ft)		CDIDT	ION					
X-OVE				314	<u> </u>	INSTUAT	E FRC	0	0,8		CRIPT 7.12'; 2		2 375"	1			
TUBIN		-		2.8	37	1		0	3,330.5		J-55,				NED		
PBTD								0	4,360.0		@ 4,3					-	
EOT								0	4,213.8								
N/P J				2.3				0	31.0		32.78'; 4						
	HOLE	TAC		5.				0	3.8		'8.98'; T	ECH T	AC				
+45 S				2.3				0	1.1		7.92						
TUBIN				2.0				0	809.3		, J-55, 2		. POL	YLIN	ED		
	e Cas	ina		2.8 8.6				0	32.4	0.57	, J-55,	<u> 1 JI.</u>					
	ction (			5.		ļ		0.	4,405.0	17#	, N-80						
1.1000	00011	Juding		1 0.	<u> </u>				PERFS	11111	, 14-00		····				
ZONE				n	ATE	SIF	ETRC		STATUS	: T	TY	'PE		TOE	? (ft)	<u> </u>	BASE (ft)
	<u> </u>				/\ I b-		OH	IX II	OPEN			rated			1.00		4,150.00
								SU	IMMARY								
MILL,	CHG	TOOLS	, MILL	_, CHG	TOO	DLS, RUN (	OVERS			H, BE	AT DO	IO NW	V FISH	i. GC	T LOC	SE.	CLOSE WELL
IN W/	<b>TENS</b>	ION OI	V FISH	I, SDF	WE	,		•		•				,	, ,	,	
							0	PERAT	TION DETA	ILS							
HO	URS	DUR	COD	E SUB	DE	SCRIPTION	V										
07:00-	-18:00	11.00			7:0	0 AM REPA	AIR HY	D HOS	E ON RIG,	ADD	HYD OII	L, BLE	ED PF	RESS	OFF '	WELI	, CONTROL,
																	LE, TORCING
					VE	RY BAD, P	OOH, C	CHECK	TOOLS - E	TC, N	ALL WO	O NAC	UT, RI	EC'D	45' OI	= 1/4"	SS CHEM
					LIN	E, CALL IN	IREPO	RT; RI	H W/ NEW	WAS	HOVER	MILL	SHOE	, RIC	OP D	RL'G	EQUIP, MILL
					ON	FISH, MAI	DE APP	ROX 1	' OF HOLE	, TO 4	101' NO	TORC	, RIG	DOV	/N DR	L'G E	QUIP, POOH
					IVV/	TBG ETC,	CHECK	NILL,	WORN CC	MPL	EIELY	001,0	JHG C	OUTE	QUIP	MAL	E UP
1					MA	MEN OVE	KOMOI	77 / VV/ T DOW	/N ON EIGH	LE, K	IH, LAT	CH ON	11 O E 1	ISH,	JAR O	N FIS	SH, NOT VING FISH
					ED	OM 380' TO	E, DEA 1 //11 T	ENGIC	IN ON FIOR	1- GU		19G, 21	I OF N			, MC	VING FISH
					RF	PORT: PUI	I UP!	NTO TI	GHT SPOT	. CLC	OUT, C	III INI	FOR V	WEEL	CENID	, CAL Rinn I	L IN PM SDFWE
					,_	. 0111,1 02	-L O1 11	110 11	0111 01 01	, OLC	,02 112	-CL 114 :	OIV	V L L I	/LIND	0.00	-M 2DI VV
					MIL	L APPROX	(1', MA	DE 2 N	MILL RUNS	RUN	OVER	SHOT	, JAR	ON F	ISH, E	BEAT	DOWN ON
					FIS	H, MOVING	S APPR			RED	60'X1/4'	" SS C	HEMIC	CALI	NJ LIN	IE	
01.55	00=							DA	Y COST								
			DES	CRIPTI	ON					END							AMOUNT
293 293		1001									GUIDE		S				
293		1001									ARKO-A						
293		1001									IL EXP						
293		1001								HOE	TAC CC			·		+	
293		1500								OOL	100						
293		1502									PION CI	HEM					
293		1504		****							HERFO				-		
293	1506	1506								IELS							
293	1513	1513									OOLS						7
293		1513								NIGH							
1																	
Printed:	1/21/2005	9:25:45	PM	-													Page 1 of 2

WINS NO	: 60099	)	CLAW	SON SPI	RING UT	AH	10-41:	•			ate: 1/		
AFE No:	NONE		Daily Con	•		rkov	er Re				DL: 14	1	
14	ANADAF	RKO PETROLE		FIELD NA D	RUNKARD	S WA	\SH			JIM	ER HARTLE	Υ/	
api 43-015-3039		UTAH	COUNTY EN	MERY	DIVISION WE	STEF	RN	RIG NA		Well S	ervice P	00L #	‡808
URRENT STATU		NHOLE CAME	RA										
4 HR FORECAST CONT WOR		WELL:											
	GL ELEV	RKB	FORMATION				TMD		TVD (5	1	PBTMD	PB	TVD
JOB# JOBS	TART DATE	7.00 Job 0	BJECTIVE			AL	(ft) TH COST /		(ft		(ft) sт∡cuм c	OST _	(ft)
	1/7/200	05	MA	INTENANCE			\$ /	%					
ACCEMBLY		0175	INCT DATE		G DETAILS	_	CDIDTI	2N					
<u>ASSEMBLY</u> X-OVER		SIZE	INST DATE	FROW (π)	TO (ft) 0.8		CRIPTIC '7.12'; 2.		2 375"	,			
TUBING		2.87		0	3,330.5		J-55, 1				ED		
PBTD				0	4,360.0		@ 4,33						
EOT				0	4,213.8	ļ							
N/P JT W/H		2.375"		0	31.0		32.78'; 4.						
SLIM HOLE +45 SN	TAC	5.5" 2.375"		0	3.8 1.1		'8.98'; TE '7.92'	-UH	AC				
TUBING		2.87		0	809.3		<u>7.92</u> ∮, J-55, 2	6 JTS	S. POI	YLINF	D		
Tubing		2.875		0	32.4		t, 0 00, 2 t, J-55, 1			16			
Surface Cas	ing	8.625"		0	0								
Production C		5.5"		0	4,405.0	17#	, N-80						
					PERFS								
										TO -	(51)		OF 100
ZONE		DATE		TRCK #	STATUS		TYF Perfor			TOP 4.011			SE (ft)
ZONE		DATE		TRCK# OH			TYF Perfor			TOP 4,011			.SE (ft) 150.00
	OFF FISH,	DATE  MADE SEVER		TRCK # OH SU	STATUS OPEN MMARY		Perfor						
	OFF FISH,			TRCK# OH SU // SPHEAR'S	STATUS OPEN MMARY	ETC,	Perfor						
HOURS	DUR CO	MADE SEVER	AL RUNS, W	TRCK# OH SU // SPHEAR'S OPERAT	STATUS OPEN MMARY S, NO-GO, TION DETA	ETC,	Perfor SDFD	ated	TBG F	4,011	.00 ]	4,′	150.00
RELEASE C	DUR CO	MADE SEVER  DDE SUB DES  7:00 TBC SW TAC REI	AL RUNS, W	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STACE I CHECK TO	STATUS OPEN MMARY S, NO-GO, TON DETA F WELL, CO VEL, RELE BOWEN ON DWN HOLE CARBED SP CKING OUT	ETC, ILS ONTF ASE VERS PHEAF	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAE R, POOH 01', POO	ECK THOT COME BA	DFF FI NO-G RBED N DBL ADE A	TC-FC SH, R O ETC SPHE PRON	DR TENSIG DOWN TENSIGED SIER RUN	SION, N POVISH @ N, POVINEAL I W/OU	WORK WER ) 380', OH, R, POC
RELEASE C	DUR CO	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POUBLE, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC H CHECK TO SDFD	STATUS OPEN MMARY S, NO-GO, TON DETA F WELL, CO VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOOLS, NO F	ETC, ILS ONTF ASE VERS PHEAI @ 40 RECC	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OI', POO OVERY C	ECK HOT CH W/DE BA	OFF FI NO-G RBED N DBL NDE A N RUI	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	SION, N POV ISH @ N, POV PHEAI I W/OV LL IN	WORK WER ) 380', OH, R, POC JT FOR
RELEASE C	DUR CO	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W BCRIPTION O AM BLEED G, RIG UP PO IVEL, POOH G W/ TOOLS MOVE NO-GO TALL NO-GO HEAR, POOH	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN MMARY S, NO-GO, TION DETA F WELL, Cr VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F 'S. TOOLS, DUT @ 401	ETC, ILS ONTF ASE, VERS VERS PHEAF @ 40 RECC	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OI', POO OVERY C	ECK HOT CH W/DE BA	OFF FI NO-G RBED N DBL NDE A N RUI	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	SION, N POV ISH @ N, POV PHEAI I W/OV LL IN	WORK WER ) 380', OH, R, POC JT FOR
RELEASE C HOURS 07:00-17:00	10.00	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN MMARY S, NO-GO, TION DETA F WELL, CO VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, DUT @ 401 AY COST	ETC, ILS ONTF ASE, VERS PHEAI (@ 40 RECC	Perfor SDFD ROL, CHI OVERSI- SHOT, RI OH, MAD R, POOH 01', POO OVERY C	ECK HOT CH W/DE BA	OFF FI NO-G RBED N DBL NDE A N RUI	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
RELEASE C HOURS 07:00-17:00	DUR CO	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN MMARY S, NO-GO, TION DETA F WELL, CO VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, DUT @ 401 AY COST	ETC, ILS ONTF ASE VERS , POO HEAI @ 44 RECC	Perfor SDFD ROL, CHI OVERSI- SHOT, RI OH, MAD R, POOH OVERY C	ECK THOT CONTROL TO THE MAN AND AND AND AND AND AND AND AND AND A	DEF FI NO-G IRBED N DBL ADE A IY RUI	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
RELEASE C  HOURS 07:00-17:00	DUR CO 10.00	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN MMARY S, NO-GO, FION DETA F WELL, CO VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, OUT @ 401 AY COST	ETC, ILS ONTF ASE VERS PHEAI  @ 40 RECC	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO RELEA	ECK THOT COLUMN AND AND AND AND AND AND AND AND AND AN	DEF FI NO-G NO-G N DBL ADE A IY RUI FF FIS	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
RELEASE C  HOURS 07:00-17:00  CLAS CODE 293 1001 293 1001	DUR CO 10.00	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN MMARY S, NO-GO, FION DETA F WELL, CA VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, OUT @ 401 AY COST  G A	ETC, ILS ONTF ASE VERS PHEAI  @ 40 RECC	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO RELEA OR -GUIDES ARKO-A	ECK THOT COLUMN AND AND AND AND AND AND AND AND AND AN	OFF FI NO-G RBED N DBL ADE A IY RUI FF FIS	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
CLAS CODE 293 1001 293 1001	DUR CO 10.00	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN MMARY S, NO-GO, TION DETA F WELL, COVEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F S. TOOLS, DUT @ 401 AY COST F A	ETC, ILS ONTF ASE VERS , POO HEAI @ 40 RECC	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO RELEA OR -GUIDES ARKO-A	ECK THOT CONTROL TO THE MAN AND AND AND AND AND AND AND AND AND A	OFF FI NO-G RBED N DBL ADE A IY RUI FF FIS	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
CLAS CODE 293 1001 293 1001 293 1001	DUR CO 10.00	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN MMARY S, NO-GO, TION DETA F WELL, CA VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, OUT @ 401 AY COST  () F A F A F T	ETC, ILS ONTF ASE VERS , POO HEAI @ 40 RECC	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO RELEA OR -GUIDES ARKO-A OIL EXPE TAC CO	ECK THOT CONTROL TO THE MAN AND AND AND AND AND AND AND AND AND A	OFF FI NO-G RBED N DBL ADE A IY RUI FF FIS	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
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CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1001 293 1500 293 1500	SUB DI 1001 1001 1001 1001 1001 1500 1502	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN OPEN MMARY S, NO-GO, FION DETA F WELL, CA VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, OUT @ 401 AY COST  F F F F F F F F F F F F F F F F F F	ETC, ILS ONTF ASE VERS PHEAI  @ 40 RECC  ETC  ETC  ETC  ETC  ETC  ETC  ETC	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO VERY CO NELEAN STAC CO NIX	ECK HOT CH W/DE BANDON AND AND AND AND AND AND AND AND AND AN	OFF FI NO-G RBED N DBL ADE A Y RUI	TC- FC SH, R O ETC SPHE PRON NOTH	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1001 293 1500 293 1502 293 1504	SUB DI 10.00 10.01 1001 1001 1001 1001 1500 1502 1504	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN OPEN MMARY S, NO-GO, TON DETA F WELL, CA VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, OUT @ 401 AY COST  F F F C V V F F F C V V V F F F C V V V V	ETC, ILS ONTF ASE VERS PHEAI  Q 40 RECC RECC RECC RECC RECC RECC RECC REC	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO VERY CO NELEA DIL EXPE TAC CO NIX	ECK HOT CH W/DE BANDON AND AND AND AND AND AND AND AND AND AN	OFF FI NO-G RBED N DBL ADE A Y RUI	TC- FC SH, R O ETC SPHE PRON NOTH N, CLC	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1001 293 1500 293 1502 293 1504 293 1506	SUB DI 10.00 10.00 1001 1001 1001 1001 1500 1502 1504 1506	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN OPEN MMARY S, NO-GO, TON DETA F WELL, CO VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, OUT @ 401 AY COST  F F F F C V N N N N N N N N N N N N N N N N N N	ETC, ILS ONTF ASE VERS POOHEAI  @ 40 RECC CODS NAD, OT C ECH PHOE COOL CHAM VEAT	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO VERY CO NELEA DIL EXPE TAC CO NIX PION CH HERFOR ONS	ECK HOT CH W/DE BANDON AND AND AND AND AND AND AND AND AND AN	OFF FI NO-G RBED N DBL ADE A Y RUI	TC- FC SH, R O ETC SPHE PRON NOTH N, CLC	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1500 293 1502 293 1504 293 1506 293 1513	SUB DI 10.00 10.00 1001 1001 1001 1001 1500 1502 1504 1506 1513	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN OPEN MMARY S, NO-GO, TON DETA F WELL, CA VEL, RELE BOWEN ON DWN HOLE ARBED SP CKING OUT DOLS, NO F  'S. TOOLS, OUT @ 401 AY COST  F F F C V N N N N N N N N N N N N N N N N N N	ETC, ILS ONTFASE VERS VERS PHEAI  @ 40 RECC ODS NAD OOL CHAM VEAT IIELS	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO VERY CO NELEA DIL EXPE TAC CO NIX PION CH HERFOR ONS	ECK HOT CH W/DE BANDON AND AND AND AND AND AND AND AND AND AN	OFF FI NO-G RBED N DBL ADE A Y RUI	TC- FC SH, R O ETC SPHE PRON NOTH N, CLC	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1500 293 1502 293 1504 293 1504 293 1513 293 1513	SUB DI 10.00 10.00 1001 1001 1001 1001 1500 1502 1504 1506 1513 1513	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN OPEN MMARY S, NO-GO, TON DETA F WELL, COVEL, RELE BOWEN ON DWN HOLE CARBED SP CKING OUT DOLS, NO F OUT @ 401 AY COST F F F F C V N N N N N N N P	ETC, ILS ONTF ASE VERS , POO HEAI @ 40 RECC CODS NAD HOT COL HOE HOE HOE HOE RES RS	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOL OVERY CO . RELEA OR -GUIDES ARKO-A DIL EXPE TAC CO NIX PION CH HERFOR ONS ONS	ECK HOT CH W/DE BANDON AND AND AND AND AND AND AND AND AND AN	OFF FI NO-G RBED N DBL ADE A Y RUI	TC- FC SH, R O ETC SPHE PRON NOTH N, CLC	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR
CLAS CODE 293 1001 293 1001 293 1001 293 1001 293 1500 293 1502 293 1504 293 1504 293 1513 293 1513 293 1513	SUB DI 10.00 10.00 1001 1001 1001 1001 1500 1502 1504 1506 1513	MADE SEVER DDE SUB DES 7:00 TBC SW TAC REI INS SPI NIG	AL RUNS, W.  BCRIPTION  AM BLEED  G, RIG UP POIVEL, POOH  G W/ TOOLS  MOVE NO-GO  TALL NO-GO  HEAR, POOH  HT, 5:00 PM	TRCK# OH SU // SPHEAR'S OPERAT PRESS OF OWER SWI , ROMOVE I , KNOCK DO O, RIH W/ B D, RIH STAC I CHECK TO SDFD  W/ TBG, DC STACKING (	STATUS OPEN OPEN MMARY S, NO-GO, FON DETA F WELL, COVEL, RELE BOWEN ON DWN HOLE CARBED SP CKING OUT DOLS, NO F CKI	ETC, ILS ONTF ASE VERS , POO HEAI @ 40 RECC CODS NAD HOT COL HOE HOE HOE HOE RES RS	Perfor SDFD ROL, CHI OVERSH SHOT, RI OH, MAD R, POOH OVERY CO VERY CO NELEA OR -GUIDES ARKO-A OIL EXPE TAC CO NIX PION CH HERFOR ONS ONS	ECK HOT CH W/DE BANDON AND AND AND AND AND AND AND AND AND AN	OFF FI NO-G RBED N DBL ADE A Y RUI	TC- FC SH, R O ETC SPHE PRON NOTH N, CLC	DR TENS IG DOW D, TAG F EAR RUI NGED SI ER RUN DSE WE	4, SION, N PO\ ISH @ N, PO\ PHEAI I W/OI LL IN I	WORK WER ) 380', OH, R, POC JT FOR

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TUBING			2.87		0	3,330.5	6.5#, J-55, 1	•		<u> </u>	
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N/P JT W/	/HOLF	-,	2.375"		0	31,0	4,182.78'; 4.	7#. J-55	The second of th		
SLIM HOL			5.5"		0	3.8	4,178.98'; T		,		
+45 SN			2.375"		0	1.1	4,177.92'				***************************************
TUBING			2.87		0	809.3	6.5#, J-55, 2		OLYLINED		
Tubing			2.875		0	32.4	6.5#, J-55, 1	JT.			
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ZONE		-	DATE	SIDE	TRCK #	STATUS OPEN	TYI Perfo		TOP (ft 4,011.0		BASE (ft) 4,150.00
						IMMARY	1 6110	rateu j	4,011.0	0 1	4,100.00
RUN CAM	IERA. RI	JN BAI	RBED SPH	IEAR, RECO			CAL LINE. D	ETERMIN	E CSG PA	RTED	@ 386' SDFD
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HOURS	DUR	CODI	SUB DE	SCRIPTION	*						
07:00-17:C	00 10.00		HC CH RE CA PA LA CS	DLE CAMERA IEMICAL LIN ECOVERED, I IMERA, REC IRTED @ 386 Y DOWN AC	A, CHECK FO E @ 386', PO PC'S 1/4" SS OVERED AP S' WL MEASI CELERATOR ON 85/8" CSO NIGHT, 5:00	OR PROBLE DOH, MADE G, MADE SE PROX 160' URE, 395' T R, BUMPER G, PREP TO PM SDFD	MIN WELLE UP BARBE VERAL RUN OF 1/4" SS ( BG MEASUR SUB, JARS, ) REMOVE B	ORE, CA D SPHEA S W/ SPH CHEMICA E, RIG D ETC RIG OP, 51/2"	ILL IN REP R, RIH, WO IEAR, MAD IL LINE, SH OWN MES I UP FLOO CSG FLAI	ORT; H DRK TB DE 3 RU IOW 51 A WIRE R, DIG NGE ET	G ETC, POOH, INS W/ /2" CSG E LINE SERV, DOWN FOR CC, CLOSE
			MA	ADE 5 RUNS	W/ BARBED	SPHEAR,	MADE 3 RUN	19 M/ DO	MIN HOLE		RA, CSG
				ADE 5 RUNS ARTED @ 386	'WIRELINE	MEASURE		13 W/ DO	WIN HOLE		RA, CSG
			PA	RTED @ 386	'WIRELINE	MEASURE			WIN HOLE		
			PA	RTED @ 386	'WIRELINE	MEASURE AY COST V	ENDOR		VVIN HOLE		AMOUNT
293 100	01 1001		PA	RTED @ 386	'WIRELINE	MEASURE AY COST V	ENDOR ODS-GUIDE	S-SUBS	WIN HOLE		
293 100 293 100	01 1001 01 1001		PA	RTED @ 386	'WIRELINE	MEASURE AY COST V R A	ENDOR ODS-GUIDE: NADARKO-A	S-SUBS ZTEO	WIN HOLE		
293 100 293 100 293 100	01 1001 01 1001 01 1001		PA	RTED @ 386	'WIRELINE	MEASURE AY COST V R R A	ENDOR ODS-GUIDES NADARKO-A OT OIL EXPR	S-SUBS ZTEO RESS	WIN HOLE		
293 100 293 100 293 100 293 100	01   1001 01   1001 01   1001 01   1001		PA	RTED @ 386	'WIRELINE	MEASURE AY COST V R A A H	ENDOR ODS-GUIDES NADARKO-A OT OIL EXPR	S-SUBS ZTEO RESS	WIN HOLE		
293 100 293 100 293 100	01   1001 01   1001 01   1001 01   1001 01   1001		PA	RTED @ 386	'WIRELINE	MEASURE AY COST V R A H T	ENDOR ODS-GUIDES NADARKO-A OT OIL EXPR	S-SUBS ZTEO RESS	WIN HOLE		
293 100 293 100 293 100 293 100 293 150 293 150	01   1001 01   1001 01   1001 01   1001 01   1001		PA	RTED @ 386	'WIRELINE	MEASURE V R A A H T P	ENDOR ODS-GUIDES NADARKO-A OT OIL EXPRECH TAC CO	S-SUBS ZTEO RESS	WIN HOLE		
293 100 293 100 293 100 293 100 293 150 293 150 293 150 293 150	01 1001 01 1001 01 1001 01 1001 01 1001 00 1500 02 1502 04 1504		PA	RTED @ 386	'WIRELINE	MEASURE V R A A H T P P	ENDOR ODS-GUIDE: NADARKO-A OT OIL EXPE ECH TAC CO HOENIX OOL	S-SUBS ZTEO RESS	WIN HOLE		
293 100 293 100 293 100 293 100 293 150 293 150 293 150 293 150 293 150	01 1001 01 1001 01 1001 01 1001 01 1001 00 1500 02 1502 04 1504		PA	RTED @ 386	'WIRELINE	MEASURE V R A H T P C C W N	ENDOR ODS-GUIDE: NADARKO-A OT OIL EXPE ECH TAC CO HOENIX OOL HAMPION CI /EATHERFO	S-SUBS ZTEO RESS	WIN HOLE		
293 100 293 100 293 100 293 100 293 150 293 150 293 150 293 150 293 150	01 1001 01 1001 01 1001 01 1001 01 1001 00 1500 02 1502 04 1504 06 1506 13 1513		PA	RTED @ 386	'WIRELINE	MEASURE V R A A H T P C C W N	ENDOR ODS-GUIDES NADARKO-A OT OIL EXPE ECH TAC CO HOENIX OOL HAMPION CI /EATHERFOI IELSONS	S-SUBS ZTEO RESS	WIN HOLE		
293         100           293         100           293         100           293         100           293         150           293         150           293         150           293         150           293         150           293         150           293         150           293         150           293         150           293         150           293         150           293         150           293         150	01 1001 01 1001 01 1001 01 1001 01 1001 00 1500 02 1502 04 1504 06 1506 13 1513		PA	RTED @ 386	'WIRELINE	MEASURE V R A H T P C C W N N	ENDOR ODS-GUIDES NADARKO-A OT OIL EXPRECH TAC CO HOENIX OOL HAMPION CI JEATHERFOI IELSONS IELSONS	S-SUBS ZTEO RESS	WIN HOLE		
293 100 293 100 293 100 293 150 293 150 293 156 293 156 293 155 293 155 293 155	01 1001 01 1001 01 1001 01 1001 01 1001 00 1500 02 1502 04 1504 06 1506 13 1513		PA	RTED @ 386	'WIRELINE	MEASURE V R A H T P C W N N N R	ENDOR ODS-GUIDES NADARKO-A OT OIL EXPE ECH TAC CO HOENIX OOL HAMPION CI /EATHERFOI IELSONS	S-SUBS ZTEO RESS	WIN HOLE		

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WIN	S No	: 600	99				LAV	/SON	SPR	ING U	ГАН	1	10-4	15			D	ate: 1/	27	/2005
AFE		NO	NE		]	Dail	y Co			nd Wo	rko	٧	er R	•				OL: 10	6	
REPT NO 16	OPER	ANA		) PETR	OLE			FIE		UNKARE	os W.	A	SH		UPERVIS	J		ER HARTLE	EY/	
43-01			-	TAH		CO	E E	MERY		DIVISION WE	ESTE	R	:N	R	IG NAME Po		ell S	Service F	00	L #808
CURREN PREP	T STATE	is ULL 51	/2" CS	G, ETC																
24 HR FC	RECAST			, ,				····												
ELEV		GL ELEV		7.00		FORM	ATION					T	TMD	ft)	TVD	(ft)	T	PBTMD (ft)		PBTVD (ft)
JOB#	JOB 5	TART DA			ов о	BJECT					A	LU1	TH COS	r / Wi9			Y CC	ST/CUM C	OST	(ft)
		1///	2005				IVIA	AINTENA		DETAIL	0			\$ / 9	<b>6</b>		_			
ASSE	MRLY			SIZE	: Ti		DATE	FROM		TO (ft)		91	CRIP	LIUV	 I					
X-OVE				JIZL		INST	DAIL	0	<u> 119   -</u>	0.8					5"x2.3	75"				
TUBIN				2.87				0		3,330.5					JTS.		LIN	IFD.		
PBTD			741-					0		4,360.0					(NO N					
EOT								0		4,213.8			· ·					<b>.</b>		
N/P J7				2.375				0		31.0	4,1	82	2.78';	4.7#	, J-55					
SLIM I		TAC		5.5"				0		3.8				TEC	H TAC	)				
+45 S				2.375				0		1.1			7.92'							
TUBIN				2.87				0		809.3					JTS. P	OLYL	NE	D		
Tubing Surfac		<u></u>		2.87				0		32.4	6.5	#,	J-55,	1 J	ſ <u>.</u>					
Produ				8.625 5.5"				0		0 4,405.0	174	4	N-80							
1 1000	Guon	zasing		1 3.3					DE	4,405.0 RFS	17#	r,	14-00							
ZONE				DA	TE		CIDE	TRCK #		STATUS	.		т,	YPE	T	7/	\n	(£4)		7 A OFT /(1)
ZUNL			-	DA	1 🗀		SIDE	OH	-	OPEN	•	·	Perf		ad			(ft) .00		BASE (ft) 4,150.00
									SUM	MARY			1 011	Orate	3u	7,0		.00		4,100.00
BLEE	OFF	PRES	S. PUN	MP DOW	/N E	BACK	SIDE	OF 51/2"		LAY DO	WN T	TF	3G & I	ROD	s sp	FD				
			-,							ON DETA		-								
ноц	JRS	DUR	CODE	SUB	ES	CRIE	TION			311 02.17										
07:00-		8.00						PRESS	OFF	WELL, C	ONT	R	OĽ. H	OOK	(UP T	O 85/8	3" (	SG PUN	MP I	DOWN
																				N & PULL
				2	27/8	" PO	LY LIN	ED TBG	LAYIN	NG DOW	N, RL	J١	1 & PI	JLL,	LAYIN	NG DC	W	N ALL R	ODS	S, PREP
		<u> </u>	<u> </u>	<u> </u> E	QU	JIP E	TC TO	WORK	W/ 51/	2" CSG (	CLOS	3E	WEL	L IN	FOR	NIGH:	Г3:	:00 PM S	SDF	D
									DAY	COST							_			
CLAS	CODE	SUB	DESC	RIPTIO	N_						/END									AMOUNT
		1001											GUIDE							
293		1001											RKO-							
293 293		1001											L EXF		<u>ss</u>					
293		1001				,					HOE		AC C	<u> </u>					. ļ	
293		1500									COOL		<u> </u>							
293		1502	<u> </u>							<del></del>			NON	HEI		STAR HARAL				
293		1504											ERFO						-	
293		1506		W-1							HELS			31.0	111				+	
293		1513									IIELS				,				1	
293		1513								F	PRS								!	
293		1513									RBS T									<b>4</b>
293		1513								K	NIGH	<u> </u>	Γ	··········						
293	3000	3000					· · · · · · · · · · · · · · · · · · ·	*****				<u> </u>								
L																				

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WINS No	: 6009	9	CLAW	SON SP	RING UT	AH 10-41	5	Dat	e: 1/2	8/2005
AFE No:	NON	E	Daily Co	mpletion	and Wo	rkover Re	port	DO	L: 17	
REPT NO. OPERA		ARKO PETRO	DLEUM CORP	FIELD NA	AME ORUNKARD	S WASH	SUPERVISO	R/ENGINEER JIM H/	ARTLEY	1
API 43-015-3039	STATE	UTAH	COUNTY	MERY	DIVISION	STERN	RIG NAME	ol Well Se	rvice PO	OL #808
CURRENT STATU		" CSG								02 7000
24 HR FORECAST		,								
CONT WOR	KING O	N WELL RKB	FORMATION			TMD	TVD	DR	TMD	PBTVD
		7.00			*··	(ft)		(ft)	(ft)	(ft)
JOB # JOB S	TART DATE 1/7/20		OB OBJECTIVE MA	INTENANCE	<u> </u>	AUTH COST /	wi% '%	DAY COST	/ CUM COS	T
			•	CASIN	IG DETAILS	3	···			
ASSEMBLY X-OVER	-	SIZE	INST DATE		TO (ft)	DESCRIPTION				
TUBING		2.87		0	0.8 3,330.5	4,177.12'; 2.				
PBTD		2.01		0	4,360.0	6.5#, J-55, 1 FILL @ 4,33			J	
EOT				0	4,213.8	1 122 (0 4,55	3 (IAO IAE	VV FILL)		
N/P JT W/HC	DLE	2.375		0	31.0	4,182.78'; 4.	7#. J-55			17 10.00 411 00000000000000000000000000000
SLIM HOLE	TAC	5.5"		0	3.8	4,178.98'; TE				
+45 SN		2.375		0	1.1	4,177.92'				
TUBING		2.87		0	809.3	6.5#, J-55, 2		DLYLINED		
Tubing	<del></del>	2.875		0	32.4	6.5#, J-55, 1	JT.			
Surface Casi Production C		8.625	"	0	0					
Production C	asing	5.5"		0 .	4,405.0	17#, N-80				
ZONE		DAT	re olbe		ERFS					
ZONE		DAT		TRCK#	STATUS OPEN	TYP Perfor		TOP (ft		BASE (ft)
					MMARY	renor	ateu )	4,011.0	<u> </u>	4,150.00
BLEED OFF	PRESS,	PREP EQUI	TO REMOVE	71/16" X500	00# BOP FT	C INSTALL	11"X3000	# BOP ET	^ PRED	TO PULL
CSG, SDFD						0,111017122	7,0000	" DOI LI	O, 1 1\L1	TOFULL
				OPERAT	ION DETAI	LS				
HOURS	DUR C	ODE SUB D	ESCRIPTION							
12:00-20:00	8.00		2:00 NOON CH	ECK ON AV	AILABILITY	OF EQUIP, F	PREP WE	LL TO PU	T ON FL	ANGE & 10"
		B	OP ETC, WAIT	ON TRUCK	, REMOVE	71/16"X5000#	BOP, AL	DAPTOR F	LANGE	,PACKING
		.   .   .   .   .	UT, INSTALL 1 /ELL IN FOR N	103/4" X 11-3	M SDED	PIORFLANG	E, INSTA	LL 11-300	0# BOP,	CLOSE
			CLL IN I ON IN	119111 0.00 P	M SDLD					
		v	/AIT ON 11"X3	000# BOP E	TC TO ARR	IVE ON LOCA	AL MOITA	ISTALL ON	A WELL	DDED TO
		P	ULL CSG.			.,, = 0,, =00,	(11011, 11	OTALL OF	¥	TINELLIO
				DA	Y COST					W
CLAS CODE		ESCRIPTION	1			NDOR				AMOUNT
293 1001						DDS-GUIDES				
293   1001   293   1001	1001					ADARKO-AZ				
	1001					OT OIL EXPRI	ESS			
	1001					CH TAC CO				
	1500					HOENIX DOL .				
293 1502						AMPION CH				
	1504					EATHERFOR				
293 1506	1506					ELSONS	D **C			
	1513			· · · · · · · · · · · · · · · · · · ·		ELSONS				
293   1513					PF					
293 1513					RE	SS TOOLS				
293 1513					KN	IIGHT				
293   3000	3000									4

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AFE No		099		CLAV	<b>420N 2</b>	PRING UT	IAH 10-	-415		L	Jate:	1/29/20	U5
		ONE		Daily Co	mpletio	n and Wo	rkover	Repo	ort		OOL:	18	
REPT NO. OP 18	AN		DARKO PETROLEUM CORP D			DRUNKARD				VISOR / ENGINEER JIM HARTLEY /			
43-015-30	391		OUNTY UTAH EMERY				DIVISION WESTERN			RIG NAME Pool Well Service POOL #808			
PREP TO	REENT STATUS REP TO FISH TBG, ETC OUT OF HOLE							1 307 11 31 231 1132 1 332 #3000					
4 HR FORECA CONT WC	st ORKING	ON WE	FII			-							
LEV	GL ELE		RKB	FORMATION			TMD		TVD		PBTMD	PBTV	′D
IOB# JOE	START D	ATE	7.00 JOB	OBJECTIVE			AUTH C	(ft) ost/wi%		(ft)	(ft	:)	(ft)
	1/	7/2005			AINTENAN	CE	Abritot	\$ / %		DAY	OST / CUM	COST	
ASSEMBL	· · ·		T	1		ING DETAILS							
K-OVER	<u>Y</u>		SIZE	INST DATE		·	DESCRI						
TUBING			2.87	<del>                                     </del>	0	0.8	4,177.12						
PBTD			2.07		0	3,330.5	6.5#, J-5	5, 107	JIS. P	OLYLI	VED		
OT				-	0	4,360.0	FILL @ 4	1,335 (	NO NE	M FILL	_)		
VP JT W/F	HOLE		2.375"		0	31.0	4,182.78	1. A 7#	LEE				
SLIM HOLE			5.5"		0	3.8	4,178.98						
45 SN			2.375"		0	1.1	4,177.92		ITAC				
UBING			2.87		0	809.3	6.5#, J-5		TS PO	I YI INI	=D		**********
ubing			2.875		0	32,4	6.5#, J-5	5, 1 JT		C 1 C 11 VI			1.0000000000000000000000000000000000000
Surface Ca	sing	<i>.</i>	8.625"		0	0							
roduction	Casing		5.5"		0 .	4,405.0	17#, N-80	0					
						PERFS			7,1				
ONE	·		DATE	SIDE	TRCK#	STATUS		TYPE		TOP	/f+\	BASE	
						01/11/00							: / <del>f+</del> \
00H W/ 5	51/2" CS	SG, DRE	ESS OFF (		OH S	OPEN	Pe	rforate		4,011	00.1	4,150	0.00
L/110E, 11	TOTALL	. DOF, 0	3010	DSG TOP, RI	OH S UN PATCH	OPEN	Pe , RELANI	rforate		4,011	00.1	4,150	0.00
HOURS	DUR	CODE	SUB DES	OSG TOP, RI	OH S UN PATCH OPERA	OPEN UMMARY & NEW CSG	Pe RELANI	orforated D CSG	ON 85/	4,01° 8" FLA	1.00 NGE, P	4,150 UT ON W	0.00 ELD
L/110E, 11	DUR	CODE	SUB DES	CSG TOP, RISCRIPTION  AM BLEED	OH S UN PATCH OPERA PRESS OF	OPEN UMMARY & NEW CSG TION DETAI	Pe S, RELAND LS	O CSG	ON 85/	4,011 8" FLA	NGE, P	UT ON W	ELD
HOURS	DUR	CODE	SUB DES 7:00	CSG TOP, RI SCRIPTION O AM BLEED G, RIG UP CS	OH S UN PATCH OPERA PRESS OF	OPEN UMMARY & NEW CSG TION DETAIL FF WELL, CG	Pe S, RELANI LS ONTROL, (SPHEAR	CHG R	ON 85/	4,01°	NGE, P	UT ON W	ELD
HOURS	DUR	CODE	SUB DES 7:00 CS0 PO0	CSG TOP, RI SCRIPTION O AM BLEED G, RIG UP CO DH, LAYING	OH S UN PATCH OPERA PRESS OF SG TONGS DOWN 9 J	OPEN UMMARY & NEW CSG TION DETAIL FF WELL, CCG, MADE UP STS & 11' PC 6	Pe  B, RELANE  LS  DNTROL, 0  BPHEAR, OF 51/2"	CHG R.	ON 85/ AMS, R	4,01° 8" FLA IG FLO CSG,	NGE, P	UT ON W	ELD PULL 3,
HOURS	DUR	CODE	SUB DES 7:00 CSC POC DRE	CSG TOP, RI SCRIPTION O AM BLEED G, RIG UP CO DH, LAYING ESS OFF TO	OH S UN PATCH OPERA PRESS OF SG TONGS DOWN 9 J P OF 51/2"	OPEN UMMARY & NEW CSG TION DETAIL FF WELL, CCG, MADE UP STS & 11' PC CSG @ 388'	Pe  B, RELANE  LS  DNTROL, ( BPHEAR, OF 51/2" ( MILLED	CHG R. LATCH	ON 85/ AMS, R ONTO IADE U	4,01° 8" FLA IG FLC CSG, P SKIF	DOR DC	UT ON W  DWN TO F P ON CS0  ILL, RIH,	ELD PULL 3,
HOURS	DUR	CODE	SUB DES 7:00 CSC POC DRE EQU	CSG TOP, RI SCRIPTION O AM BLEED G, RIG UP CO DH, LAYING ESS OFF TO JIP, MADE U	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2"	OPEN UMMARY & NEW CSG TION DETAIL  FF WELL, CCG, MADE UP STS & 11' PC CSG @ 388' RIH ON 10 F	Pe  B, RELANE  DNTROL, ( BPHEAR, OF 51/2" ( , MILLED	CHG R. LATCH CSG, M	ON 85/ AMS, R ONTO IADE U PPROX	4,01° 8" FLA IIG FLO CSG, P SKIF	DOR DO PICK-U RTED M	UT ON W  DWN TO F P ON CSO ILL, RIH, POOH, CH	ELD PULL G,
HOURS	DUR	CODE	SUB DES 7:00 CSC POC DRE EQU MOI	CSG TOP, RI SCRIPTION ) AM BLEED G, RIG UP CS DH, LAYING ESS OFF TO JIP, MADE U DEL C RET.	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI	OPEN UMMARY & NEW CSG TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J	Pe B, RELANI LS DNTROL, ( BPHEAR, OF 51/2" ( ', MILLED TS 51/2" (	CHG R. LATCH CSG, M OFF A CSG, C	ON 85/ AMS, R ONTO	4,01° 8" FLA IIG FLC CSG, P SKIF	DOR DC PICK-U RTED M CSG, P , RUN 5	4,150 UT ON W DWN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BACK	ELD PULL G,
HOURS	DUR	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC	CSG TOP, RI SCRIPTION D AM BLEED G, RIG UP CO DH, LAYING ESS OFF TO JIP, MADE U DEL C RET. C, LAND CSG	OH SUN PATCH OPERA PRESS OF SG TONGS DOWN 9 J P OF 51/2" JP PATCH, BRIDGE PI G ON 85/8"	OPEN UMMARY & NEW CSG TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40	Pe  B, RELANE  DNTROL, ( BPHEAR, OF 51/2" ( ', MILLED TS 51/2" ( 50', POOI	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI	ON 85/ AMS, R ONTO IADE U PPROX UT OFI BG, RIG	4,01° 8" FLA IG FLO CSG, P SKIF (1' OF F CSG G UP F	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR,	4,150 UT ON W DWN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF	ELD PULL G, F BC
HOURS	DUR	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI	CSG TOP, RI SCRIPTION D AM BLEED G, RIG UP CO DH, LAYING ESS OFF TO JIP, MADE U DEL C RET. C, LAND CSG LD ON FLAN	OH SUN PATCH OPERA PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA	OPEN  UMMARY & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC G CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL	Pe  B, RELANE  DNTROL, ( BPHEAR, OF 51/2" ( ', MILLED TS 51/2" ( 50', POOH 1,000# TEI ANGE, IN	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI	ON 85/ AMS, R ONTO IADE U PPROX UT OFI BG, RIG	4,01° 8" FLA IG FLO CSG, P SKIF (1' OF F CSG G UP F	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR,	4,150 UT ON W DWN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF	ELD PULL G, GER
HOURS	DUR	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI	CSG TOP, RI CSG TOP, RI COMMINICATION COMMINICAT	OH SUN PATCH OPERA PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA	OPEN UMMARY & NEW CSG TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC G CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S	Pe DNTROL, ( BPHEAR, OF 51/2" ( ', MILLED TS 51/2" ( 50', POOI 1,000# TEI ANGE, IN	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION,	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIG INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	4,150 UT ON W DWN TO F P ON CSG ILL, RIH, POOH, CH 1/2" BAKE STRIP OF F, RECUT E B P, POG	ELD PULL G, G ER F BC CSG OH,
HOURS	DUR	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI	CSG TOP, RI CSG TOP, RI COMMINICATION COMMINICAT	OH SUN PATCH OPERA PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA	OPEN UMMARY & NEW CSG TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC G CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S	Pe DNTROL, ( BPHEAR, OF 51/2" ( ', MILLED TS 51/2" ( 50', POOI 1,000# TEI ANGE, IN	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION,	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIG INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	4,150 UT ON W DWN TO F P ON CSG ILL, RIH, POOH, CH 1/2" BAKE STRIP OF F, RECUT E B P, POG	ELD PULL G, GER F BC CSG OH,
HOURS 7:00-18:00	DUR 11.00	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMINICATION COMMINICAT	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC G CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL	Pe DNTROL, ( BPHEAR, OF 51/2" ( ', MILLED TS 51/2" ( 50', POOI 1,000# TEI ANGE, IN	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION,	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIG INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	4,150 UT ON W DWN TO F P ON CSG ILL, RIH, POOH, CH 1/2" BAKE STRIP OF F, RECUT E B P, POG	ELD PULL G, GER F BC CSG OH,
HOURS 7:00-18:00	DUR 11.00	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMINICATION COMMINICAT	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC G CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LLL 71/16" FL HT, 6:00 PM S  DP, RUN PAT	Pe DNTROL, ( BPHEAR, OF 51/2" ( ', MILLED TS 51/2" ( 50', POOI 1,000# TEI ANGE, IN	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION,	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIG INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO FP ON CSOILL, RIH, POOH, CHIT (1/2" BAKE STRIP OF FIRE CUTE BP, POOE BP, POOE BP, STRIP OF FIRE BP, POOE BP, STRIP OF FIRE BP, POOE BP, POOE BP, STRIP OF FIRE BP, STRIP	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00	DUR 11.00	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMINICATION COMMINICAT	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAIL  FF WELL, CCG, MADE UP STS & 11' PC GCSG @ 388' RIH ON 10 J  LUG, SET @ BOWL W/ 40  LLL 71/16" FL  HT, 6:00 PM ST  AY COST	Pe S, RELAND DNTROL, ( SPHEAR, OF 51/2" ( J, MILLED TS 51/2" ( 50', POOI J, 000# TEI ANGE, IN SDFD	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, STALL	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	4,150 UT ON W DWN TO F P ON CSG ILL, RIH, POOH, CH 1/2" BAKE STRIP OF F, RECUT E B P, POG	ELD  PULL 3, G ER F BC CSG CH,
HOURS 7:00-18:00	DUR 11.00 11001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMINICATION COMMINICAT	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S  DP, RUN PAT AY COST  VE	Pe B, RELAND DNTROL, ( SPHEAR, OF 51/2" ( J, MILLED TS 51/2" ( 50', POOI ,000# TEI ANGE, IN SDFD	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO FP ON CSOILL, RIH, POOH, CHIT (1/2" BAKE STRIP OF FIRE CUTE BP, POOE BP, POOE BP, STRIP OF FIRE BP, POOE BP, STRIP OF FIRE BP, POOE BP, POOE BP, STRIP OF FIRE BP, STRIP	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00 	DUR 11.00 11.00 1001 1001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S  OP, RUN PAT AY COST  VE HC L TE	Pe  6, RELAND  CSPHEAR, OF 51/2" ( 1, MILLED TS 51/2" ( 50', POOH 1,000# TEI ANGE, IN SDFD  CH, RELA  CH TAC ( IOENIX	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL AND CS PRESS	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIG INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO FP ON CSOILL, RIH, POOH, CHIT (1/2" BAKE STRIP OF FIRE CUTE BP, POOE BP, POOE BP, STRIP OF FIRE BP, POOE BP, STRIP OF FIRE BP, POOE BP, POOE BP, STRIP OF FIRE BP, STRIP	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00  AS CODE 93 1001 93 1001 93 1001 93 1001	DUR 11.00 11.00 11.00 1001 1001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S  OP, RUN PAT AY COST  VE HC L TE	Pe G, RELAND DNTROL, ( SPHEAR, OF 51/2" ( J, MILLED TS 51/2" ( 50', POOH J,000# TEI ANGE, IN SDFD CH, RELA CH TAC (	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL AND CS PRESS	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIG INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO FP ON CSOILL, RIH, POOH, CHIT (1/2" BAKE STRIP OF FIRE CUTE BP, POOE BP, POOE BP, STRIP OF FIRE BP, POOE BP, STRIP OF FIRE BP, POOE BP, POOE BP, STRIP OF FIRE BP, STRIP	ELD PULL G, G ER F BC CSG OH,
AS CODE 93 1001 93 1001 93 1001 93 1001 93 1001	DUR 11.00 11.00 11.00 1001 1001 1001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S  OP, RUN PAT AY COST  VE HC PH RC	Pe  6, RELAND  CSPHEAR, OF 51/2" ( 1, MILLED TS 51/2" ( 50', POOH 1,000# TEI ANGE, IN SDFD  CH, RELA  CH TAC ( IOENIX	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL AND CS PRESS	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF , RECUT E B P, POO	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00  AS CODE 93 1001 93 1001 93 1001 93 1001 93 1001 93 1500	DUR 11.00 11.00 11.00 1001 1001 1001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S  OP, RUN PAT AY COST  VE HC AN PC AN	Pe  G, RELAND  LS  DNTROL, ( SPHEAR, OF 51/2" ( 50', POOH 1,000# TEI ANGE, IN SDFD  CH, RELA  CH TAC ( IOENIX DDS-GUID IADARKO DOL	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL AND CS PRESS CO . DES-SU -AZTEC	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF , RECUT E B P, POO	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00  -AS CODE 93 1001 93 1001 93 1001 93 1001 93 1500 93 1500	DUR 11.00 11.00 11.00 1001 1001 1001 1500 1502	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S  OP, RUN PAT AY COST  VE HC AN PC AN PC CH	Pe  G, RELAND  LS  DNTROL, ( SPHEAR, OF 51/2" ( MILLED TS 51/2" ( 50', POOH 1,000# TEI ANGE, IN SDFD  CH, RELA  CH TAC ( IOENIX DDS-GUID IADARKO DOL IAMPION	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL  AND CS PRESS CO -AZTEC CHEM	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF , RECUT E B P, POO	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00 93 1001 93 1001 93 1001 93 1001 93 1500 93 1502 93 1504	DUR 11.00 11.00 11.00 1001 1001 1001 1500 1502 1504	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM S  OP, RUN PAT AY COST  VE HC AN PC CH WE	Pe  G, RELAND  DNTROL, ( SPHEAR, OF 51/2" ( MILLED TS 51/2" ( 50', POOH 1,000# TEI ANGE, IN SDFD  CH, RELA  CH TAC ( IOENIX DDS-GUID IADARKO DOL IAMPION EATHERF	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL  AND CS PRESS CO -AZTEC CHEM	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF , RECUT E B P, POO	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00  AS CODE 93 1001 93 1001 93 1001 93 1001 93 1500 93 1502 93 1504 93 1506	DUR 11.00 11.00 11.00 11.00 1001 1001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAIL  FF WELL, CCG, MADE UP STS & 11' PC CSG @ 388' RIH ON 10 J  LUG, SET @ BOWL W/ 40 LL 71/16" FL HT, 6:00 PM STOP, RUN PATAY COST  VE HC AN PC AN PC CH WE NIE	Pe  6, RELAND  CSPHEAR, OF 51/2" (  50', POOH 0,000# TEH ANGE, IN SDFD  CH, RELA  CH TAC (  IOENIX DDS-GUID IADARKO DOL IAMPION EATHERF ELSONS	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL  AND CS PRESS CO -AZTEC CHEM	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF , RECUT E B P, POO	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00 93 1001 93 1001 93 1001 93 1500 93 1502 93 1504 93 1506 93 1513	DUR 11.00 11.00 11.00 11.00 1001 1001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CCG, MADE UP S TS & 11' PC CSG @ 388' RIH ON 10 J LUG, SET @ BOWL W/ 40 LL 7/1/16" FL HT, 6:00 PM S  OP, RUN PAT AY COST  VE HC AN PC CH WE NIE	Pe  6, RELAND  CSPHEAR, OF 51/2" ( CSPHEAR, OF	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL  AND CS PRESS CO -AZTEC CHEM	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF , RECUT E B P, POO	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00 93 1001 93 1001 93 1001 93 1500 93 1502 93 1504 93 1503 93 1513 93 1513	DUR 11.00 11.00 11.00 11.00 1001 1001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CG  G, MADE UP S  TS & 11' PC G  CSG @ 388' RIH ON 10 J  LUG, SET @  BOWL W/ 40  LL 71/16" FL  HT, 6:00 PM S  OP, RUN PAT  AY COST  VE  HC  AN  PC  CH  WE  NIE  NIE  PR	Pe  6, RELAND  CSPHEAR, OF 51/2" ( CSPHEAR, OF	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL  AND CS PRESS CO -AZTEC CHEM ORD W	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF , RECUT E B P, POO	ELD PULL G, G ER F BC CSG OH,
HOURS 7:00-18:00  1:00-18:00	DUR 11.00 11.00 11.00 11.00 1001 1001 1001	CODE	SUB DES 7:00 CSC POC DRE EQU MOC ETC WEI CLC	CSG TOP, RI CSG TOP, RI COMMITTION COMM	OH S UN PATCH  OPERA  PRESS OF SG TONGS DOWN 9 J P OF 51/2" IP PATCH, BRIDGE PI G ON 85/8" IGE, INSTA I FOR NIGH	OPEN  UMMARY  & NEW CSG  TION DETAI  FF WELL, CG  G, MADE UP S  TS & 11' PC C  CSG @ 388' RIH ON 10 J  LUG, SET @  BOWL W/ 40  LL 71/16" FL  HT, 6:00 PM S  OP, RUN PAT  AY COST  VE  HC  AN  PC  AN  PC  CH  WE  NIE  RB	Pe  6, RELAND  CSPHEAR, OF 51/2" ( CSPHEAR, OF	CHG R. LATCH CSG, M OFF A CSG, C H W/ TI NSION, ISTALL  AND CS PRESS CO -AZTEC CHEM ORD W	ON 85/ AMS, RI ONTO IADE U PPROX UT OFI BG, RIC INSTA BOP, F	4,017 8" FLA IG FLO CSG, P SKIF C 1' OF F CSG G UP F ILL PA RIH RE	DOR DO PICK-U RTED M CSG, P , RUN 5 LOOR, CK-OFF	WN TO F P ON CSO ILL, RIH, POOH, CH 1/2" BAKE STRIP OF , RECUT E B P, POO	ELD PULL G, G ER F BC CSG OH,

WINS No	60099		CLAV	VSON SP	RING UT	AH 10-41	5	Date:	1/30/2005
AFE No:	NONE		Daily Co	mpletion	and Wo	rkover Re	port	DOL:	19
REPT NO. OPER	ANADARI	KO PETROL	EUM CORP	FIELD NA	AME RUNKARD	S WASH	SUPERVI	ISOR/ENGINEER JIM HART	TLEY /
API 43-015-303	STATE 91	UTAH	COUNTY	MERY	DIVISION	STERN	RIG NAM		- DOOL #000
CURRENT STATU	JS					- OI LINI		Pool Well Service	e POOL #808
		OFF WELL, I	EAVE FISH	IN HOLE					
24 HR FORECAST RIG DOWN	FISHING T	OOLS, ETC.	RDMO						
	GL ELEV	RKB	FORMATION			TMD	TVI	D PBTMD	PBTVD
JOB# JOBS	START DATE	7.00	OBJECTIVE			(ft]			ft) (ft)
	1/7/2005			INTENANCE		AUTH COST /	wi% / %	DAY COST / CU	M COST
			,	CASIN	G DETAILS	3			
ASSEMBLY		SIZE	INST DATE	FROM (ft)	TO (ft)	DESCRIPTI			
X-OVER TUBING		0.07	(	0	0.8	4,177.12'; 2.			
PBTD		2.87		0	3,330.5 4,360.0			POLYLINED	
EOT	······································			0	4,213.8	FILL @ 4,33	2. (NO L	NEVV FILL)	
N/P JT W/H		2.375"		0	31.0	4,182.78'; 4.	7#. J-55	· · · · · · · · · · · · · · · · · · ·	
SLIM HOLE	TAC	5.5"		0	3.8	4,178.98'; Ti	ECH TA	С	
+45 SN TUBING		2,375"		0	1.1	4,177.92'			
Tubing		2.87 2.875		0	809.3 32.4	6.5#, J-55, 2		POLYLINED	
Surface Cas	ing	8.625"		0	0	6.5#, J-55, 1	JI.		
Production C	Casing	5.5"		0	4,405.0	17#, N-80			
		·			ERFS				The second secon
ZONE		DATE		TRCK#	STATUS	TYF		TOP (ft)	BASE (ft)
				OH L	OPEN	Perfor	ated	4,011.00	4,150.00
TIGHTEN FL	ANGE, RUI	N SPHEAR	RUN OS FIS	SHITRG RUN	MMARY	FIGH 1//" CO	2 LINE 1	MILL OFF 27/01	TBG TOP, FISH
TBG, UNABL	E TO PULL	, RELEASE	FROM TBG.	SDFD	OF HEAR,	FISH 1/4 33	LINE, I	WILL OFF 2778"	IBG TOP, FISH
					ION DETAI	LS			
HOURS	DUR COD	E SUB DES	SCRIPTION						
07:00-18:00	11.00	7:00	AM BLEED	PRESS OFF	WELL, CO	ONTROL, MAI	DE UP S	SPHEAR, RIH, M	ADE UP BOWEN
		UVI	ERSHUT, RII	H, LATCH FI	SH @ 409',	POOH, REC	OVERE	D 25' PC TBG C	OLLAR & 4' PC
		REC	COVERED A	PPROX 250'	CAR RIH, S OF 1/4" SS	CHEMICAL	29,436'N INE M	MADE HOLE TO	450' W/ SPHEAR NO
		KE	JOVERY, RA	NN TO 456' N	IADE UP SI	KIRTED MILL	. RIH. M	IILL ON TRG TO	P MILLED OFF
		2.4	56 TO 458', I	POOH, MAD	E UP BOW	EN OVER-SH	iot. Rif	LATCH FISH 1	WORK FISH LIP
		HOI	_E, MADE 33	30', GOT STL	ICK, WORK	( TBG ETC. C	COULDN	I'T GET LOOSE	RIG LIP
		NIG	HT, 6:00 PM	SDFD	15H @ 120	r, FINALLY G	OI LOC	SE, CLOSE WE	ELL IN FOR
			. , , , 0, 50 , ,,,	00, 0					
		TIG	HTEN CSG F	FLANGE, RIF	W/SPHE	AR, RUN OS,	RUN SI	PHEAR, TWICE	MILL OF TBG
			" @ 456', RIH	I FISH TBG,	MOVE UP	HOLE 330', G	OT STU	JCK, RELEASE	FROM TBG,
:		SDF	·U						
		REC	OVERED 25	50'X1/4" SS I	INE RECO	)VERED 25' F	PC TRG	, COLLAR, 4' PC	OF TOO
					COST	, VENED 20 1	<u> </u>	, COLLAN, 4 PC	OF IBG
CLAS CODE		CRIPTION			VE	NDOR			AMOUNT
293   1001   293   1001						DDS-GUIDES			
	1001					ADARKO-AZ			
	1001					OT OIL EXPR CH TAC CO	ESS		
293 1001	1001					HOENIX			
	1500					OOL			
	1502					IAMPION CH			
293   1504   293   1506	1504				W	EATHERFOR	D WL		
	.000				INI	ELSONS			
Printed: 1/29/2005	7.07.14 PM								

WINS No:	60099		CLAW	SON SP	RING UT	AH 10-41	5	Date:	1/31/2005
AFE No:	NONE		Daily Co	npletion	and Wo	rkover Re	port	DOL:	20
	ANADARK	O PETROL	EUM CORP	FIELD NA	RUNKARD				LEY /
API 43-015-30391	STATE	JTAH	COUNTY	MERY	DIVISION WE	STERN	RIG NAME Poo	l Well Service	POOL #808
CURRENT STATUS SHUT DOWN	FISHING	OPERATIO	V FOR TIME	BEING					
24 HR FORECAST SUSPEND FI	SHING OP	ERATION		<b>8</b> √			***************************************		
ELEV GL				FORMATION		1 10.5   10.5   1.5			PBTVO
JOB# JOB STA	ART DATE 1/7/2005		DBJECTIVE MA	INTENANCE	<del></del>	AUTH COST /		DAY COST / CUM	
	7772000		140		- IG DETAILS		/0		
ASSEMBLY		SIZE	INST DATE	<del></del>	TO (ft)	DESCRIPTION	NC		
X-OVER TUBING		0.07	•	0	0.8	4,177.12'; 2.			
PBTD	***	2.87		0	3,330.5	6.5#, J-55, 1			
EOT		<del>-</del>		0	4,213.8	4,360.0 FILL @ 4,335' (NO NEW FILL)			
N/P JT W/HOL	E	2.375"		0	31.0	4,182.78'; 4.	7#. J-55		
SLIM HOLE TA	AC .	5.5"		0	3.8	4,178.98'; TE			
+45 SN		2.375"		0	1.1	4,177.92'	Management of the second secon		
TUBING		2.87		0	809.3	6.5#, J-55, 2		LYLINED	
Tubing Surface Casing		2.875		0	32.4	6.5#, J-55 <u>,</u> 1	JT.		
Production Ca		8.625" 5.5"		0	0 4,405.0	17# N 00			11 E 1 MARCHINE VIII - MARCH 1
1 TOGGOGOTT CA	onig				4,405.0 ERFS	17#, N-80			T - THE PARTY OF T
ZONE		DATE	SIDE	TRCK#	STATUS	TYF	)	TOP (ft)	DASE (#)
				OH	OPEN	Perfor		4,011.00	BASE (ft) 4,150,00
				SU	MMARY				1,100.00
LAY DOWN A	LL FISHING	G TOOLS, S	SUSPEND OF	PERATION F	OR TIME B	EING!!!!			E Each old Aphabas and America
		1		OPERAT	ION DETAI	LS			
		E SUB DES							
07.00-10.00	9.00	DOV WE. REE DOV VAL FOR	WN, LAY DO ATHERFORI BEL TRK'G C WN ON GOC VE ON WEL R TIME BEIN AL REPORT:	WN & LOAD D IN VERNA O. TO GO T DRICH TRL L CLOSE W G 4:00 PM S	O ALL FISHI L UT., LOAI O ROOSEV 'R, RIG UP ELL IN LA' TOP TIME	NG TOOLS, I D OUT POWE 'ELT TO RBS FLOOR STRI Y DOWN RIG	LOAD NIEL ER SWIVE TOOLS R P OFF BO LOAD EQ	.SONS SEMI L SMALL TOO IH W/ 27/8" L: P INSTALL B: UIP SUSPEN	DLS ETC ON -80 TBG LAY -1 FLANGE W/ D OPERATION
		23/8 23/8 SS (	" TBG (1650 " TAIL JT TE CHEMICAL II	.97') 23/8" P IG (31.00') N NJ LINE!!!!!!	LUS 45 SE/ OTE: TA/Ç <sup>.</sup> !	ATING NIPPL NOT SET TB	E (1.06') 5 G JUST HA	1/2" TECH TA ANGING ON I	ER (.75') 53 JTS .C TA/C (3.65') NADDED UP 1/4"
		ı ırıor	1101 (4)		<u>y 1754.29 F</u> Y COST	PSN @ 3405.	20 EQT @	3439.41'	
CLAS CODE S		CRIPTION				NDOR '			AMOUNT
293 1001 1						DDS-GUIDES	-SUBS		1 AMOUNT
293   1001   1 293   1001   1						IADARKO-AZ		-	The same of the sa
	001					OT OIL EXPR	ESS		
	001					CH TAC CO			
293 1500 1				** **		OENIX OOL			
293   1502   1			* - e-			AMPION CH	FM		
293   1504   1	504					EATHERFOR			
293 1506 1	506					ELSONS	- TYL		
293   1513   1	3 1513 1513 NIELSONS								
Printed: 1/30/2005 5:2	29:24 PM								

	FORM 9						
ι	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-48189						
SUNDR	I WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	epen existing wells below laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: UTAH 10-415				
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.		9. API NUMBER: 43015303910000				
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	PH h Street, Suite 600, Denver, CO, 80217 37	ONE NUMBER: 720 929-6	9. FIELD and POOL or WILDCAT: 5DRUNKARDS WASH				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1090 FNL 0557 FEL			COUNTY: EMERY				
QTR/QTR, SECTION, TOWNSH	<b>HIP, RANGE, MERIDIAN:</b> 0 Township: 16.0S Range: 08.0E Meridian:	: S	STATE: UTAH				
11. CHECK	K APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOR	T, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
7/5/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION				
Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT	□ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
Report Date:							
	WILDCAT WELL DETERMINATION	OTHER	OTHER:				
Per discussion betwee Kerr-McGee, Kerr-M	completed operations. Clearly show all peen Dustin Doucet of UDOGM a lcGee respectfully requests aut ed well with the attached propo	and Kirt Rasmussen of thorization to P&A the	Approved by the Utah Division of Oil, Gas and Mining				
			Date: August 07, 2012				
			By: Dod K Dunt				
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE					
Lauren Christiansen	720 929-6107	Regulatory Anayst					
SIGNATURE N/A		<b>DATE</b> 7/3/2012					



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## **Sundry Conditions of Approval Well Number 43015303910000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
- 2. Amend Plug #1: 25 sk cement plug should be displaced to ±EOT with 75 bbls of water not 92 bbls as proposed. This should place plug from approximately 3770' to 3550'.
- 3. Amend Plug # 2:  $5 \frac{1}{2}$ " casing shall be perf'd around 135' and use 2" valve on surface casing to ciculate annulus and production casing with cement back to the surface (± 45 sx total).
  - 4. Surface reclamation shall be done in accordance with R649-3-34 Well Site Restoration.
  - 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

**RECEIVED:** Jul. 03, 2012

7/12/2012 Wellbore Diagram r263 Well Name/No: UTAH 10-415 API Well No: 43-015-30391-00-00 Permit No: Company Name: ANADARKO PETROLEUM CORP Location: Sec: 10 T: 16S R: 8E Spot: NENE **String Information Bottom** Diameter Weight Length Coordinates: X: 499616 Y: 4366753 String (ft sub) (inches) (lb/ft) (ft) Field Name: DRUNKARDS WASH HOL1 25 14 County Name: EMERY 25 12.75 COND HOL2 480 11 3.46bls 480 480 **SURF** 8.625 24 149 @ 4374 7.875 HOL3 0.0232 4374 - 7.661 Conductor: 12.75 in. @ 25 ft. **PROD** 4374 5.5 17 Hole: 14 in. @ 25 ft. T1 3440 2.875 08"x512" > 5.192 Cement from 480 ft. to surface Plug # 2 (205xX1.15X7.661) = 176' Surface: 8.625 in. @ 480 ft. Hole: 11 in. @ 480 ft. 1351/ (1.15)(5.142)= 235x TOC 575 **Cement Information BOC** TOC String Class Sacks (ft sub) (ft sub) 69 6615 UK 480 **PROD** 4374 575 **PROD** 4374 575 G 75 G **SURF** 480 211 **Perforation Information Bottom** Top Shts/Ft No Shts Dt Squeeze (ft sub) (ft sub) 4011 4150 **Formation Information** Cement from 4374 ft. to 575 ft. 116615 **Formation** Depth Tubing: 2.875 in. @ 3440 ft. 3998 471° @ 0.0232 ± 3550 4011 Production: 5.5 in. @ 4374 ft. Hole: 7.875 in. @ 4374 ft. Hole: Unknown 4405' FVD: TD: PBTD: 4405'

5/29/2012

### Wellbore Diagram

r263

API Well No: 43-015-30391-00-00

Permit No:

Company Name: ANADARKO PETROLEUM CORP

Location: Sec: 10 T: 16S R: 8E Spot: NENE

**Coordinates:** X: 499616 Y: 4366753 Field Name: DRUNKARDS WASH

County Name: EMERY

Conductor: 12.75 in. @ 25 ft.

Hole: 14 in. @ 25 ft.

Cement from 480 ft. to surface

Surface: 8.625 in. @ 480 ft.

Hole: 11 in. @ 480 ft.

Well Name/No: UTAH 10-415

String Information

_	time time	mucion				
	String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	
	HOL1	25	14			
	COND	25	12.75			
	HOL2	480	11			
	SURF	480	8.625	24	480	
	HOL3	4374	7.875			
	PROD	4374	5.5	17	4374	7-461
	T1	4235	2.875			

### **Cement Information**

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	4374	575	UK	480
PROD	4374	575	G	75
SURF	480	0	G	211

#### **Perforation Information**

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4011	4150			

Cement from 4374 ft. to 575 ft.

Tubing: 2.875 in. @ 4235 ft. Production: 5.5 in. @ 4374 ft.

Hole: 7.875 in @ 4374 ft.

Hole: Unknown

TD:

4398 TVD:

PBTD:

4360

**Formation Information** Formation Depth

FRSD 3998

cuanine (400) 200 160

Fish TOP@ 145, Trg 3296.72 EOT 3441-72 EOT RPT 3439.41 csg patthe 388 1

Sundry Number: 27385 API Well Number: 43015303910000



### P&A Procedure for the Clawson Spring Utah 10-415

Casing: 8 5/8" 24# (ID: 8.097) @ 480" TOC @ surface Casing: 5.5" 17# (ID: 4.892) @ 4,405" TOC @800" (CBL)

Tubing: Top @ 145', stuck in hole with fish

Perfs: 4011'-4150'

PBTD: 4405'

- 1. Prior to MIRU, blow well down and check deadmen, plan for a workstring.
- 2. MI Water Truck, hook onto Wellhead, pump water to establish injectivity. Pump a minimum of 10 bbls. If well pressures up (under 1 BBL/Min @ 100psi), skip steps 4 7.
- 3. MIRU, NDWH
- 4. MIRU Cementers to well.
- 5. Re-establish injectivity into perfs with water.
- 6. Mix and pump 25 sxs Cement (Hole Volume from Top Perf to Bottom Perf, plus 50%). Pump 92 bbls water (Volume from Surface to 25 feet above top perf). In the case injection pressure reaches 1500 psi, stop pumping and contact the Office. If less than 3.5 bbls of water have been pumped, stop operations.
- 7. Move Off Cementers
- 8. MIRU Wireline to Well.
- 9. RIH with CIBP.
- 10. Tag top of Fish and tubing
- 11. Pull Up 10' from top of Fish.
- 12. Set CIBP.
- 13. POOH.
- 14. Move off Wireline.
- 15. MIRU Cementers to well.
- 16. Circulate 20 sxs (135', 5 sxs excess) cement to surface.
- 17. Cut off wellhead.
- 18. Top off cement if necessary.
- 19. Weld dry hole marker.
- 20. Dry hole marker must have well information on it.
- 21. RDMO

All cement is 15.8# class G Neat, yield is 1.15 cuft/sack

Prepared by Gordon Taylor July 2, 2012 (307-670-6044)

**RECEIVED: Jul. 03, 2012** 

### Division of Oil, Gas and Mining

# OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)			Operator N	Iame Chan	ge/Merger		
The operator of the well(s) listed below has change	ged, e	ffective:		<del>'</del>	4/1/2013		
FROM: (Old Operator): N0035-Anadarko Petroleum Corporation PO Box 173779 Denver, CO, 80214			TO: ( New C N3940- Anada PO Box 1737' Denver, CO 8	arko E&P O 79 302014	nshore LLC		
Phone: 1 (720) 929-6000			Phone: 1 (720	929-6000			
CA No.			Unit:	Test control of	L T A CT MYDE	INVENT.	Taxing X
WELL NAME	SEC	TWN RN	G API NO	ENTITY NO	LEASE TYPE	TYPE	WELL STATUS
See Attached List				NO		TILE	STATUS
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed  1. (R649-8-10) Sundry or legal documentation wa  2. (R649-8-10) Sundry or legal documentation wa  3. The new company was checked on the Departm  4a. Is the new operator registered in the State of U  5a. (R649-9-2) Waste Management Plan has been rec  5b. Inspections of LA PA state/fee well sites complete. Reports current for Production/Disposition & Se  6. Federal and Indian Lease Wells: The BL	s recess recess recess rent (tah: ceived ete or undried M and	sived from to sived from to f Commercial don:  1: 1: 2: 3: 4: 5: 5: 6: 6: 6: 6: 6: 7: 7: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8:	he NEW operators of Cee, Division of Cee, Division of Cee, Business Num Yes  4/10/2013 A has approved the	r on: Corporation aber:	593715-0161 ame change,	- - -	4/10/2013
or operator change for all wells listed on Federa 7. <b>Federal and Indian Units:</b>	ıl or I	ndian leases	s on:	BLM	4/2/2013	BIA	- N/A
<ol> <li>Federal and Indian Units:         <ul> <li>The BLM or BIA has approved the successor</li> </ul> </li> <li>Federal and Indian Communization Agrangements of BLM or BIA has approved the operator for Underground Injection Control ("UIC")</li> </ol>	r <b>eem</b> or all	ents ("CA wells listed	<b>''):</b> within a CA on:		N/A N/A	-	
Inject, for the enhanced/secondary recovery un						4/10/2013	
DATA ENTRY:  1. Changes entered in the Oil and Gas Database of the Changes have been entered on the Monthly Op on the Bond information entered in RBDMS on:  4. Fee/State wells attached to bond in RBDMS on injection Projects to new operator in RBDMS on injection Projects to new operator in RBDMS on Receipt of Acceptance of Drilling Procedures for BOND VERIFICATION:  1. Federal well(s) covered by Bond Number:  2. Indian well(s) covered by Bond Number:  3a. (R649-3-1) The NEW operator of any state/fee of the FORMER operator has requested a release the LEASE INTEREST OWNER NOTIFIC in the NEW operator of the fee wells.	erato : on: or AP e well e of lia	D/New on:  (s) listed coability from  ON:	4/10/2013 4/11/2013 4/11/2013 WYB000291 N/A overed by Bond N their bond on:	N/A Number N/A	4/11/2013 22013542 om the Division	- -	
of their responsibility to notify all interest owner				4/11/2013			
COMMENTS:							

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING See Wells 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL OTHER CBM Wells GAS WELL OIL WELL 9. API NUMBER: 2. NAME OF OPERATOR: See Wells Anadarko Petroleum Corporation 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER: 3. ADDRESS OF OPERATOR: (720) 929-6000 STATE CO 710 80217 P.O. Box 173779 Denver 4. LOCATION OF WELL FOOTAGES AT SURFACE: STATE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION ACIDIZE DEEPEN NOTICE OF INTENT SIDETRACK TO REPAIR WELL FRACTURE TREAT (Submit in Duplicate) ALTER CASING TEMPORARILY ABANDON NEW CONSTRUCTION Approximate date work will start: CASING REPAIR TUBING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE 4/8/2013 VENT OR FLARE PLUG AND ABANDON CHANGE TUBING SUBSEQUENT REPORT WATER DISPOSAL PLUG BACK CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator is requesting authorization to transfer the wells from Anadarko Petroleum Corporation and Anadarko Production Company to Anadarko E&P Onshore, LLC. Please see the attached list of 181 wells that are currently filed under Anadarko Petroleum Corporation and Anadarko Production Company. The state/fee wells will be under bond number 22013542, and the KEULIVED federal wells will be under bond number WYB000291. Effective 4/1/13 APR 0 9 2013 Please contact the undersigned if there are any questions. DIV OF OIL GAS & MININ Jaime Scharnowske Jaime Scharnowske Regulatory Analyst Regulatory Analyst Anadarko E&P Onshore, LLC N 3940 NO035 Anadarko Petroleum Corporation P.O. Box 173779 P.O. Box 173779 Denver, CO 80214 Denver, CO 80214 (720) 929-6000 (720) 929-6000 Regulatory Analyst Jaime Scharnowske NAME (PLEASE PRINT) DATE 4/8/2013 SIGNATURE

(This space for State u

APR 1 1 2013

DIV. OIL GAS & MINING Rachel Modina (See Instructions on Reverse Side)

# Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940) Effective 1- April-2013

						Lease	Well	Well
Well Name	Sec	Twnshp	Range	API	Entity No.	Type	Type	status
HELPER ST SWD 1	03	140S	100E	4300730361	12258	State	WD	Α
FED F-2 SWD	08	140S	100E	4300730555	12557	Federal	WD	A
CLAWSON SPRING ST SWD 4	13	160S	080E	4301530477	12979	State	WD	Α
CLAWSON SPRING ST SWD 1	36	150S	080E	4300730721	12832	State	WD	I
HELPER FED B-1	33	130S	100E	4300730189	11537	Federal	GW	P
HELPER FED A-1	23	130S	100E	4300730190	11517	Federal	GW	P
HELPER FED A-3	22	130S	100E	4300730213	11700	Federal	GW	P
HELPER FED C-1	22	130S	100E	4300730214	11702	Federal	GW	P
HELPER FED B-5	27	130S	100E	4300730215	11701	Federal	GW	P
HELPER FED A-2	22	130S	100E	4300730216	11699	Federal	GW	P
HELPER FED D-1	26	130S	100E	4300730286	12061	Federal	GW	P
BIRCH A-1	05	140S	100E	4300730348	12120	Fee	GW	P
HELPER ST A-1	03	140S	100E	4300730349	12122	State	GW	P
HELPER ST D-7	04	140S	100E	4300730350	12121	State	GW	P
CHUBBUCK A-1	31	130S	100E	4300730352	12397	Fee	GW	P
VEA A-1	32	130S	100E	4300730353	12381	Fee	GW	P
VEA A-2	32	130S	100E	4300730354	12483	Fee	GW	P
VEA A-3	32	130S	100E	4300730355	12398	Fee	GW	P
VEA A-4	32	130S	100E	4300730356	12482	Fee	GW	P
HELPER ST A-8	02	140S	100E	4300730357	12257	State	GW	P
HELPER ST A-3	02	140S	100E	4300730358	12254	State	GW	P
HELPER ST A-4	02	140S	100E	4300730359	12255	State	GW	P
HELPER ST A-7	02	140S	100E	4300730360	12256	State	GW	P
HELPER ST A-2	03	140S	100E	4300730362	12232	State	GW	P
HELPER ST A-5	03	140S	100E	4300730363	12231	State	GW	P
HELPER ST A-6	03	140S	100E	4300730364	12233	State	GW	P
HELPER ST D-4	04	140S	100E	4300730365	12228	State	GW	P
HELPER ST D-3	05	140S	100E	4300730366	12184	State	GW	P
HELPER ST D-5	04	140S	100E	4300730367	12226	State	GW	P
HELPER ST D-8	04	140S	100E	4300730368		State	GW	P
HELPER ST D-2	05	140S	100E	4300730369		State	GW	P
HELPER ST D-6	05	140S	100E	4300730370		State	GW	P
HELPER ST D-1	06	140S	100E	4300730371	12399	State	GW	P
BIRCH A-2	08	140S	100E	4300730372	12189	Fee	GW	P
HELPER ST A-9	10	140S	100E	4300730373	12230	State	GW	P
HELPER ST B-1	09	140S	100E	4300730376	12227	State	GW	P
HELPER FED F-3	08	140S	100E	4300730378	12252	Federal	GW	P
HELPER FED F-4	09	140S	100E	4300730379		Federal	GW	P
HELPER ST A-10	10	140S	100E	4300730433	12488	State	GW	P
HELPER ST A-10 HELPER ST A-11	11	140S	100E	4300730434		State	GW	P
HELPER ST A-11 HELPER ST A-12	10	140S	100E	4300730434		State	GW	P
HELPER ST A-12 HELPER ST A-13	10	140S	100E	4300730435		State	GW	P
	09	140S	100E	4300730430		State	GW	P
HELPER ST B-2 HELPER FED E-7	19	130S	100E	4300730437		Federal	GW	P
	33	130S	100E	4300730530		Federal	GW	P
HELPER FED B-2	33	130S 130S	100E 100E	4300730530	12619	Federal	GW	P
HELPER FED B-4	33	130S 130S	100E 100E	4300730531		Federal	GW	P
HELPER FED B-4		130S 130S	100E 100E	4300730532		Federal	GW	P
HELPER FED B-6	27		100E 100E	4300730533		Federal	GW	P
HELPER FED B-7	27	130S					GW	P
HELPER FED B-8	27	130S	100E	4300730535	12631	Federal	G W	I.

### Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940) Effective1-April-2013

Near							Lease	Well	Well
HELPER FED B-9	Well Name	Sec	Twnshp	Range	API	Entity No.			
HELPER FED B-10								GW	P
HELPER FED B-11					4300730537	12626	Federal	GW	P
HELPER FED B-12					4300730538	12628	Federal	GW	P
HELPER FED B-13						12627	Federal	GW	P
HELPER FED B-14						12621	Federal	GW	P
HELPER FED D-2				100E	4300730541	12620	Federal	GW	P
HELPER FED D-3					4300730542	12650	Federal	GW	P
HELPER FED D-4		26	130S	100E	4300730543	12634	Federal	GW	P
HELPER FED D-5					4300730544	12625	Federal	GW	P
HELPER FED D-6		35	130S	100E	4300730545	12637	Federal	GW	P
HELPER FED E-1		35	130S	100E	4300730546	12635	Federal	GW	P
HELPER FED H-2		29	130S	100E	4300730547	13246	Federal	GW	P
HELPER FED H-1		29	130S	100E	4300730548	12636	Federal	GW	P
HELPER FED H-2		01	140S	100E	4300730549	12653	Federal	GW	P
OLIVETO FED A-2		01	140S	100E	4300730550	12647	Federal	GW	P
HELPER FED F-1		08	140S	100E	4300730556	12630	Federal	GW	P
SMITH FED A-1   09   140S   100E		08	140S	100E	4300730557	12629	Federal	GW	P
SE INVESTMENTS A-1		09	140S	100E	4300730558	13004	Federal	GW	P
HELPER ST A-14		06	140S	100E	4300730570	12624	Fee	GW	P
HELPER ST A-15 HELPER ST E-1 36 130S 100E 4300730572 12613 State GW P HELPER ST E-1 36 130S 100E 4300730573 12615 State GW P HELPER ST E-2 36 130S 100E 4300730574 12616 Fee GW P HARMOND A-1 07 140S 100E 4300730586 12616 Fee GW P HELPER ST E-3 36 130S 100E 4300730586 12616 Fee GW P HELPER ST E-3 36 130S 100E 4300730592 12868 State GW P HELPER FED A-6 23 130S 100E 4300730593 12649 Federal GW P HELPER FED D-7 26 130S 100E 4300730594 12651 Federal GW P HELPER FED D-8 35 130S 100E 4300730595 12652 Federal GW P HELPER ST E-4 36 130S 100E 4300730595 12652 Federal GW P HELPER ST E-4 36 130S 100E 4300730595 12652 Federal GW P HELPER ST E-4 36 130S 100E 4300730597 12618 State GW P HELPER ST A-16 11 140S 100E 4300730604 12648 Fee GW P CLAWSON SPRING ST A-2 36 150S 080E 4300730604 12648 Fee GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730605 12856 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST D-5 31 150S 080E 4300730636 13001 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730644 12849 State GW P CLAWSON SPRING ST D-6 31 150S 090E 4300730643 12847 State GW P CLAWSON SPRING ST D-7 31 150S 090E 4300730644 12849 State GW P CLAWSON SPRING ST D-7 31 150S 090E 4300730643 12847 State GW P HELPER FED A-7 HELPER FED A-7 22 130S 100E 4300730679 13015 Federal GW P HELPER FED A-5 HELPER FED A-7 22 130S 100E 4300730679 13015 Federal GW P HELPER FED C-2 24 130S 100E 4300730680 13203 Federal GW P HELPER FED C-4 24 130S 100E 4300730680 13203 Federal GW P HELPER FED C-7 21 130S 100E 4300730685 13245 Federal GW P HELPER FED C-7 21 130S 100E 4300730687 13015 Federal GW P HELPER FED D-10 25 130S 100E 4300730687 12844 State GW P HELPER FED D-10 25 130S 100E 4300730687 13010 Federal GW P HELPER FED D-10 25 130S 100E 4300730687 13015 Federal GW P HELPER FED D-10 25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-10 25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-10 4300730688 13005 Federal GW P HELPER FED D-10 4300730688 13005 Federal GW P HELPER FED D-10 4300730688 13005 Federal GW P H				100E	4300730571	12612	State	GW	P
HELPER ST E-1 36 130S 100E 4300730573 12615 State GW P HELPER ST E-2 36 130S 100E 4300730574 12614 State GW P HARMOND A-1 07 140S 100E 4300730586 12616 Fee GW P HELPER ST E-3 36 130S 100E 4300730592 12868 State GW P HELPER FED A-6 23 130S 100E 4300730593 12649 Federal GW P HELPER FED D-7 26 130S 100E 4300730594 12651 Federal GW P HELPER FED D-8 35 130S 100E 4300730595 12652 Federal GW P CLAWSON SPRING ST A-1 36 150S 080E 4300730597 12618 State GW P HELPER ST E-4 36 130S 100E 4300730597 12618 State GW P HELPER ST A-16 11 140S 100E 4300730598 12825 State GW P CLAWSON SPRING ST A-2 36 150S 080E 4300730603 12638 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730603 12638 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730603 12638 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730603 12846 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730636 13001 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730641 12849 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730644 12849 State GW P CLAWSON SPRING ST D-6 31 150S 090E 4300730644 12849 State GW P HELPER FED A-5 23 130S 100E 4300730678 13346 Federal GW P HELPER FED A-5 23 130S 100E 4300730678 13346 Federal GW P HELPER FED B-15 28 130S 100E 4300730680 13203 Federal GW P HELPER FED C-2 24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-2 24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-2 24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED D-10 25 130S 100E 4300730688 13295 Federal GW P HELPER FED D-10 25 130S 100E 4300730688 12992 Federal GW P HELPER FED D-10 25 130S 100E 4300730688 13005 Federal GW P HELPER FED D-10 25 130S 100E 4300730688 13005 Federal GW P		11		100E	4300730572	12613	State	GW	P
HELPER ST E-2  36 130S 100E				100E	4300730573	12615	State	GW	P
HARMOND A-1 07 140S 100E 4300730586 12616 Fee GW P HELPER ST E-3 36 130S 100E 4300730592 12868 State GW P HELPER FED A-6 23 130S 100E 4300730593 12649 Federal GW P HELPER FED D-7 26 130S 100E 4300730594 12651 Federal GW P HELPER FED D-8 35 130S 100E 4300730595 12652 Federal GW P HELPER ST E-D D-8 35 130S 100E 4300730595 12652 Federal GW P HELPER ST E-4 36 130S 100E 4300730597 12618 State GW P HELPER ST A-16 11 140S 100E 4300730598 12825 State GW P CHUBBUCK A-2 06 140S 100E 4300730603 12638 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730603 12638 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-4 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-5 31 150S 080E 4300730637 12844 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-7 31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-6 31 150S 090E 4300730641 12849 State GW P CLAWSON SPRING ST D-7 31 150S 090E 4300730641 12849 State GW P HELPER FED A-7 22 130S 100E 4300730677 13010 Federal GW P HELPER FED B-15 28 130S 100E 4300730679 13015 Federal GW P HELPER FED B-16 28 130S 100E 4300730681 13203 Federal GW P HELPER FED C-2 24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-2 24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-2 24 130S 100E 4300730684 13203 Federal GW P HELPER FED C-2 24 130S 100E 4300730684 13204 Federal GW P HELPER FED C-7 21 130S 100E 4300730686 13203 Federal GW P HELPER FED D-9 25 130S 100E 4300730686 12993 Federal GW P HELPER FED D-10 25 130S 100E 4300730686 12993 Federal GW P HELPER FED D-10 25 130S 100E 4300730688 13005 Federal GW P HELPER FED D-10 25 130S 100E 4300730688 13005 Federal GW P					4300730574	12614	State	GW	P
HELPER ST E-3  36 130S 100E 4300730592 12868 State GW P HELPER FED A-6  HELPER FED D-7  26 130S 100E 4300730593 12649 Federal GW P HELPER FED D-7  26 130S 100E 4300730594 12651 Federal GW P HELPER FED D-8  35 130S 100E 4300730595 12652 Federal GW P HELPER ST B-4  36 150S 080E 4300730595 12652 Federal GW P HELPER ST E-4  36 130S 100E 4300730598 12825 State GW P HELPER ST A-16  11 140S 100E 4300730603 12638 State GW P HELPER ST A-16  11 140S 100E 4300730604 12648 Fee GW P CLAWSON SPRING ST A-2  36 150S 080E 4300730604 12648 Fee GW P CLAWSON SPRING ST A-3  36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-3  36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-3  36 150S 080E 4300730631 12844 State GW P CLAWSON SPRING ST A-4  36 150S 080E 4300730631 12844 State GW P CLAWSON SPRING ST D-5  31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-5  31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-6  31 150S 090E 4300730641 12849 State GW P CLAWSON SPRING ST D-7  31 150S 090E 4300730644 12849 State GW P HELPER FED A-5  430S 100E 4300730677 13010 Federal GW P HELPER FED A-7  HELPER FED B-15  28 130S 100E 4300730677 13010 Federal GW P HELPER FED B-16  28 130S 100E 4300730680 13203 Federal GW P HELPER FED C-2  4 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7  21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7  21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7  21 130S 100E 4300730681 13016 Federal GW P HELPER FED D-9  25 130S 100E 4300730681 13016 Federal GW P HELPER FED D-10  25 130S 100E 4300730681 13203 Federal GW P HELPER FED D-10  4300730688 13205 Federal GW P HELPER FED D-10  4400730688 13205 Federal GW P HELPER FED D-10  4500730688 13205 Federal GW P HELPER FED D-10  4500730688 13205 Federal GW P HELPER FED D-10  4500730688 13205 Federal GW P					4300730586	12616	Fee	GW	P
HELPER FED A-6 HELPER FED D-7 HELPER FED D-7 LAWSON SPRING ST A-1 HELPER ST A-16 CLAWSON SPRING ST A-2 CLAWSON SPRING ST A-2 CLAWSON SPRING ST A-3 B 150S B 100E B 4300730597 B 12652 B 76deral B 70W P HELPER ST E-4 B 100E B 1100E B 4300730597 B 12618 B 5tate B 70W P HELPER ST E-4 B 100E B 1100E B 14300730597 B 12618 B 5tate B 70W		36		100E	4300730592	12868	State	GW	P
HELPER FED D-7 HELPER FED D-8 35 130S 100E 4300730594 12651 Federal GW P HELPER FED D-8 35 130S 100E 4300730595 12652 Federal GW P HELPER ST D-8 CLAWSON SPRING ST A-1 36 150S 080E 4300730597 12618 State GW P HELPER ST E-4 36 130S 100E 4300730598 12825 State GW P HELPER ST A-16 11 140S 100E 4300730603 12638 State GW P CHUBBUCK A-2 06 140S 100E 4300730604 12648 Fee GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730636 13001 State GW P CLAWSON SPRING ST D-5 31 150S 080E 4300730637 12844 State GW P CLAWSON SPRING ST D-6 31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-6 31 150S 090E 4300730643 12847 State GW P CLAWSON SPRING ST D-7 31 150S 090E 4300730644 12849 State GW P HELPER FED A-5 HELPER FED A-7 22 130S 100E 4300730677 13010 Federal GW P HELPER FED B-16 48 HELPER FED B-16 28 130S 100E 4300730681 13016 Federal GW P HELPER FED C-2 24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730685 13245 Federal GW P HELPER FED D-10 25 130S 100E 4300730687 12840 FED P FED				100E	4300730593	12649	Federal	GW	P
HELPER FED D-8   35   130S   100E   4300730595   12652   Federal   GW   P		26	130S	100E	4300730594	12651	Federal	GW	P
CLAWSON SPRING ST A-1         36         150S         080E         4300730597         12618         State         GW         P           HELPER ST E-4         36         130S         100E         4300730598         12825         State         GW         P           HELPER ST A-16         11         140S         100E         4300730603         12638         State         GW         P           CHUBBUCK A-2         06         140S         100E         4300730604         12648         Fee         GW         P           CLAWSON SPRING ST A-2         36         150S         080E         4300730635         12856         State         GW         P           CLAWSON SPRING ST A-3         36         150S         080E         4300730637         12844         State         GW         P           CLAWSON SPRING ST D-5         31         150S         090E         4300730642         12852         State         GW         P           CLAWSON SPRING ST D-6         31         150S         090E         4300730641         12847         State         GW         P           CLAWSON SPRING ST D-7         31         150S         090E         4300730641         12849         State		35	130S	100E	4300730595	12652	Federal	GW	P
HELPER ST E-4  HELPER ST A-16  HELPER ST A-16  CHUBBUCK A-2  O6 140S  100E  4300730603  12638  State  GW  P  CHUBBUCK A-2  O6 140S  100E  4300730604  12648  Fee  GW  P  CLAWSON SPRING ST A-2  36 150S  080E  4300730635  12856  State  GW  P  CLAWSON SPRING ST A-3  36 150S  080E  4300730635  12856  State  GW  P  CLAWSON SPRING ST A-4  36 150S  080E  4300730636  13001  State  GW  P  CLAWSON SPRING ST A-4  36 150S  080E  4300730637  12844  State  GW  P  CLAWSON SPRING ST D-5  31 150S  090E  4300730642  12852  State  GW  P  CLAWSON SPRING ST D-6  31 150S  090E  4300730643  12847  State  GW  P  CLAWSON SPRING ST D-7  31 150S  090E  4300730644  12849  State  GW  P  HELPER FED A-7  HELPER FED A-7  HELPER FED B-15  28 130S  100E  4300730677  13010  Federal  GW  P  HELPER FED B-16  28 130S  100E  4300730680  13203  Federal  GW  P  HELPER FED C-2  24 130S  100E  4300730681  13016  Federal  GW  P  HELPER FED C-7  21 130S  100E  4300730685  13245  Federal  GW  P  HELPER FED D-10  25 130S  100E  4300730687  13292  Federal  GW  P  HELPER FED D-11  25 130S  100E  4300730687  12992  Federal  GW  P  HELPER FED D-12  P  HELPER FED D-12		36	150S	080E	4300730597	12618	State	GW	P
HELPER ST A-16 CHUBBUCK A-2 06 140S 100E 4300730603 12638 State GW P CLAWSON SPRING ST A-2 36 150S 080E 4300730604 12648 Fee GW P CLAWSON SPRING ST A-2 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730636 13001 State GW P CLAWSON SPRING ST A-4 36 150S 080E 4300730637 12844 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-6 31 150S 090E 4300730643 12847 State GW P CLAWSON SPRING ST D-7 31 150S 090E 4300730644 12849 State GW P HELPER FED A-5 23 130S 100E 4300730677 13010 Federal GW P HELPER FED B-15 28 130S 100E 4300730678 13346 Federal GW P HELPER FED B-16 28 130S 100E 4300730680 13203 Federal GW P HELPER FED C-2 24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730682 13012 Federal GW P HELPER FED C-7 21 130S 100E 4300730684 13204 Federal GW P HELPER FED D-9 25 130S 100E 4300730685 13245 Federal GW P HELPER FED D-10 25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-11 25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-11 25 130S 100E 4300730688 1300S Federal GW P HELPER FED D-11 25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-10 P HELPER FED D-11 25 130S 100E 4300730688 1300S Federal GW P HELPER FED D-10 P HELPER FED D-10 P HELPER FED D-10 P HELPER FED D-11 P HELPER FED D-11		36	130S	100E	4300730598	12825	State	GW	P
CHUBBUCK A-2 06 140S 100E 4300730604 12648 Fee GW P CLAWSON SPRING ST A-2 36 150S 080E 4300730635 12856 State GW P CLAWSON SPRING ST A-3 36 150S 080E 4300730636 13001 State GW P CLAWSON SPRING ST A-4 36 150S 080E 4300730636 13001 State GW P CLAWSON SPRING ST D-5 31 150S 090E 4300730637 12844 State GW P CLAWSON SPRING ST D-6 31 150S 090E 4300730642 12852 State GW P CLAWSON SPRING ST D-7 31 150S 090E 4300730643 12847 State GW P CLAWSON SPRING ST D-7 31 150S 090E 4300730644 12849 State GW P HELPER FED A-5 23 130S 100E 4300730677 13010 Federal GW P HELPER FED B-15 28 130S 100E 4300730678 13346 Federal GW P HELPER FED B-16 28 130S 100E 4300730679 13015 Federal GW P HELPER FED C-2 24 130S 100E 4300730680 13203 Federal GW P HELPER FED C-4 24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13016 Federal GW P HELPER FED C-7 21 130S 100E 4300730681 13012 Federal GW P HELPER FED D-9 25 130S 100E 4300730685 13245 Federal GW P HELPER FED D-10 25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-10 25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-11 25 130S 100E 4300730688 13005 Federal GW P HELPER FED D-12 25 130S 100E 4300730688 13005 Federal GW P		11	140S	100E	4300730603	12638	State	GW	P
CLAWSON SPRING ST A-2         36         150S         080E         4300730635         12856         State         GW         P           CLAWSON SPRING ST A-3         36         150S         080E         4300730636         13001         State         GW         P           CLAWSON SPRING ST A-4         36         150S         080E         4300730637         12844         State         GW         P           CLAWSON SPRING ST D-5         31         150S         090E         4300730642         12852         State         GW         P           CLAWSON SPRING ST D-6         31         150S         090E         4300730643         12847         State         GW         P           CLAWSON SPRING ST D-7         31         150S         090E         4300730644         12849         State         GW         P           HELPER FED A-5         23         130S         100E         4300730677         13010         Federal         GW         P           HELPER FED B-15         28         130S         100E         4300730679         13015         Federal         GW         P           HELPER FED C-2         24         130S         100E         4300730680         13203         Feder		06	140S	100E	4300730604	12648	Fee	GW	P
CLAWSON SPRING ST A-4         36         150S         080E         4300730637         12844         State         GW         P           CLAWSON SPRING ST D-5         31         150S         090E         4300730642         12852         State         GW         P           CLAWSON SPRING ST D-6         31         150S         090E         4300730643         12847         State         GW         P           CLAWSON SPRING ST D-7         31         150S         090E         4300730644         12849         State         GW         P           HELPER FED A-5         23         130S         100E         4300730677         13010         Federal         GW         P           HELPER FED A-7         22         130S         100E         4300730678         13346         Federal         GW         P           HELPER FED B-15         28         130S         100E         4300730679         13015         Federal         GW         P           HELPER FED B-16         28         130S         100E         4300730680         13203         Federal         GW         P           HELPER FED C-2         24         130S         100E         4300730681         13016         Federal		36	150S	080E	4300730635	12856	State	GW	P
CLAWSON SPRING ST A-4         36         150S         080E         4300730637         12844         State         GW         P           CLAWSON SPRING ST D-5         31         150S         090E         4300730642         12852         State         GW         P           CLAWSON SPRING ST D-6         31         150S         090E         4300730643         12847         State         GW         P           CLAWSON SPRING ST D-7         31         150S         090E         4300730644         12849         State         GW         P           HELPER FED A-5         23         130S         100E         4300730677         13010         Federal         GW         P           HELPER FED A-7         22         130S         100E         4300730678         13346         Federal         GW         P           HELPER FED B-16         28         130S         100E         4300730680         13203         Federal         GW         P           HELPER FED C-2         24         130S         100E         4300730681         13016         Federal         GW         P           HELPER FED C-7         21         130S         100E         4300730684         13204         Federal	CLAWSON SPRING ST A-3	36	150S	080E	4300730636	13001	State	GW	P
CLAWSON SPRING ST D-5         31         150S         090E         4300730642         12852         State         GW         P           CLAWSON SPRING ST D-6         31         150S         090E         4300730643         12847         State         GW         P           CLAWSON SPRING ST D-7         31         150S         090E         4300730644         12849         State         GW         P           HELPER FED A-5         23         130S         100E         4300730677         13010         Federal         GW         P           HELPER FED A-7         22         130S         100E         4300730678         13346         Federal         GW         P           HELPER FED B-15         28         130S         100E         4300730679         13015         Federal         GW         P           HELPER FED B-16         28         130S         100E         4300730680         13203         Federal         GW         P           HELPER FED C-2         24         130S         100E         4300730681         13016         Federal         GW         P           HELPER FED C-7         21         130S         100E         4300730684         13204         Federal		36	150S	080E	4300730637	12844	State	GW	P
CLAWSON SPRING ST D-7         31         150S         090E         4300730644         12849         State         GW         P           HELPER FED A-5         23         130S         100E         4300730677         13010         Federal         GW         P           HELPER FED A-7         22         130S         100E         4300730678         13346         Federal         GW         P           HELPER FED B-15         28         130S         100E         4300730679         13015         Federal         GW         P           HELPER FED B-16         28         130S         100E         4300730680         13203         Federal         GW         P           HELPER FED C-2         24         130S         100E         4300730681         13016         Federal         GW         P           HELPER FED C-7         21         130S         100E         4300730682         13012         Federal         GW         P           HELPER FED D-9         25         130S         100E         4300730685         13245         Federal         GW         P           HELPER FED D-10         25         130S         100E         4300730687         12992         Federal         GW<	CLAWSON SPRING ST D-5	31	150S	090E	4300730642	12852	State	GW	P
CLAWSON SPRING ST D-7         31         150S         090E         4300730644         12849         State         GW         P           HELPER FED A-5         23         130S         100E         4300730677         13010         Federal         GW         P           HELPER FED A-7         22         130S         100E         4300730678         13346         Federal         GW         P           HELPER FED B-15         28         130S         100E         4300730679         13015         Federal         GW         P           HELPER FED B-16         28         130S         100E         4300730680         13203         Federal         GW         P           HELPER FED C-2         24         130S         100E         4300730681         13016         Federal         GW         P           HELPER FED C-7         21         130S         100E         4300730684         13204         Federal         GW         P           HELPER FED D-9         25         130S         100E         4300730685         13245         Federal         GW         P           HELPER FED D-10         25         130S         100E         4300730686         12993         Federal         GW<	CLAWSON SPRING ST D-6	31	150S	090E	4300730643	12847	State	GW	P
HELPER FED A-7 HELPER FED B-15 100E HELPER FED B-15 100E HELPER FED B-16 100E HELPER FED B-16 100E HELPER FED B-16 100E HELPER FED B-16 100E HELPER FED B-16 100E HELPER FED C-2 100E HELPER FED C-4 HELPER FED C-4 HELPER FED C-7 1130S 100E HELPER FED B-16 130S 100E HELPER FED B-16 130S 100E HELPER FED B-16 HELPER FED B	CLAWSON SPRING ST D-7	31	150S	090E	4300730644	12849	State	GW	P
HELPER FED B-15  28 130S 100E 4300730679 13015 Federal GW P HELPER FED B-16  28 130S 100E 4300730680 13203 Federal GW P HELPER FED C-2  24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-4  24 130S 100E 4300730682 13012 Federal GW P HELPER FED C-7  21 130S 100E 4300730684 13204 Federal GW P HELPER FED D-9  25 130S 100E 4300730685 13245 Federal GW P HELPER FED D-10  25 130S 100E 4300730686 12993 Federal GW P HELPER FED D-11  25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-12  25 130S 100E 4300730688 13005 Federal GW P	HELPER FED A-5	23	130S	100E	4300730677	13010	Federal	GW	
HELPER FED B-16  28 130S 100E 4300730680 13203 Federal GW P HELPER FED C-2  24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-4  24 130S 100E 4300730682 13012 Federal GW P HELPER FED C-7  21 130S 100E 4300730684 13204 Federal GW P HELPER FED D-9  25 130S 100E 4300730685 13245 Federal GW P HELPER FED D-10  25 130S 100E 4300730686 12993 Federal GW P HELPER FED D-11  25 130S 100E 4300730687 12992 Federal GW P HELPER FED D-12  25 130S 100E 4300730688 13005 Federal GW P	HELPER FED A-7	22	130S	100E	4300730678	13346	Federal	GW	P
HELPER FED C-2  24 130S 100E 4300730681 13016 Federal GW P HELPER FED C-4  424 130S 100E 4300730682 13012 Federal GW P HELPER FED C-7  4300730684 13204 Federal GW P HELPER FED D-9  4300730685 13245 Federal GW P HELPER FED D-10  4300730686 12993 Federal GW P HELPER FED D-11  4300730687 12992 Federal GW P HELPER FED D-12  4300730688 13005 Federal GW P HELPER FED D-12  4300730688 13005 Federal GW P	HELPER FED B-15	28	130S	100E	4300730679	13015	Federal	GW	P
HELPER FED C-4       24       130S       100E       4300730682       13012       Federal       GW       P         HELPER FED C-7       21       130S       100E       4300730684       13204       Federal       GW       P         HELPER FED D-9       25       130S       100E       4300730685       13245       Federal       GW       P         HELPER FED D-10       25       130S       100E       4300730686       12993       Federal       GW       P         HELPER FED D-11       25       130S       100E       4300730687       12992       Federal       GW       P         HELPER FED D-12       25       130S       100E       4300730688       13005       Federal       GW       P	HELPER FED B-16	28	130S	100E	4300730680	13203	Federal	GW	P
HELPER FED C-7       21       130S       100E       4300730684       13204       Federal       GW       P         HELPER FED D-9       25       130S       100E       4300730685       13245       Federal       GW       P         HELPER FED D-10       25       130S       100E       4300730686       12993       Federal       GW       P         HELPER FED D-11       25       130S       100E       4300730687       12992       Federal       GW       P         HELPER FED D-12       25       130S       100E       4300730688       13005       Federal       GW       P	HELPER FED C-2	24	130S	100E	4300730681	13016	Federal	GW	
HELPER FED C-7       21       130S       100E       4300730684       13204       Federal       GW       P         HELPER FED D-9       25       130S       100E       4300730685       13245       Federal       GW       P         HELPER FED D-10       25       130S       100E       4300730686       12993       Federal       GW       P         HELPER FED D-11       25       130S       100E       4300730687       12992       Federal       GW       P         HELPER FED D-12       25       130S       100E       4300730688       13005       Federal       GW       P		24	130S	100E	4300730682	13012	Federal		
HELPER FED D-9       25       130S       100E       4300730685       13245       Federal       GW       P         HELPER FED D-10       25       130S       100E       4300730686       12993       Federal       GW       P         HELPER FED D-11       25       130S       100E       4300730687       12992       Federal       GW       P         HELPER FED D-12       25       130S       100E       4300730688       13005       Federal       GW       P		21	130S	100E	4300730684	13204	Federal	GW	
HELPER FED D-10       25       130S       100E       4300730686       12993       Federal       GW       P         HELPER FED D-11       25       130S       100E       4300730687       12992       Federal       GW       P         HELPER FED D-12       25       130S       100E       4300730688       13005       Federal       GW       P			130S	100E	4300730685	13245	Federal	GW	
HELPER FED D-11         25         130S         100E         4300730687         12992         Federal         GW         P           HELPER FED D-12         25         130S         100E         4300730688         13005         Federal         GW         P					4300730686	12993	Federal	GW	
HELPER FED D-12 25 130S 100E 4300730688 13005 Federal GW P				100E	4300730687	12992	Federal	GW	P
					4300730688	13005	Federal	GW	P
	HELPER FED E-4	29	130S	100E	4300730689	13229	Federal	GW	P

## Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940) Effective 1-April-2013

						Lease	Well	Well
Well Name	Sec	Twnshp	Range	API	Entity No.	Type	Type	status
HELPER FED A-4	23	130S	100E	4300730692	13009	Federal	GW	P
HELPER FED C-5	24	130S	100E	4300730693	13013	Federal	GW	P
HELPER FED G-1	30	130S	11 <b>0</b> E	4300730694	13006	Federal	GW	P
HELPER FED G-2	30	130S	110E	4300730695	13007	Federal	GW	P
HELPER FED G-3	31	130S	11 <b>0</b> E	4300730696	13002	Federal	GW	P
HELPER FED G-4	31	130S	110E	4300730697	13003	Federal	GW	P
HELPER FED H-3	01	140S	100E	4300730698	12831	Federal	GW	P
HELPER FED H-4	01	140S	100E	4300730699	12833	Federal	GW	P
CLAWSON SPRING ST D-8	31	150S	090E	4300730701	12851	State	GW	P
HELPER FED C-3	24	130S	100E	4300730702	13011	Federal	GW	P
CLAWSON SPRING ST J-1	35	150S	080E	4300730726	13299	Fee	GW	P
PIERUCCI 1	35	150S	080E	4300730727	13325	Fee	GW	P
POTTER ETAL 1	35	150S	080E	4300730728	12958	Fee	GW	P
POTTER ETAL 2	35	150S	080E	4300730737	12959	Fee	GW	P
HELPER FED G-5	30	130S	110E	4300730770	13655	Federal	GW	P
HELPER FED G-6	30	130S	110E	4300730771	13656	Federal	GW	P
HELPER FED G-7	31	130S	110E	4300730772	13657	Federal	GW	P
HELPER FED G-8	31	130S	110E	4300730773	13658	Federal	GW	P
GOODALL A-1	06	140S	110E	4300730774	13348	Fee	GW	P
HELPER FED E-8	19	130S	100E	4300730776	13624	Federal	GW	P
HAUSKNECHT A-1	21	130S	100E	4300730781	13347	Fee	GW	P
HELPER FED E-9	19	130S	100E	4300730868	13628	Federal	GW	P
HELPER FED E-5	20	130S	100E	4300730869	13625	Federal	GW	P
HELPER FED E-6	20	130S	100E	4300730870	13631	Federal	GW	P
HELPER FED E-10	30	130S	100E	4300730871	13629	Federal	GW	P
SACCOMANNO A-1	30	130S	100E	4300730872	13622	Fee	GW	P
HELPER FED E-11	30	130S	100E	4300730873	13630	Federal	GW	P
BLACKHAWK A-2	29	130S	100E	4300730886	13783	Fee	GW	P
BLACKHAWK A-3	20	130S	100E	4300730914	13794	Fee	GW	P
BLACKHAWK A-4	21	130S	100E	4300730915	13795	Fee	GW	P
BLACKHAWK A-1X	20	130S	100E	4300730923	13798	Fee	GW	P
HELPER STATE 12-3	03	140S	100E	4300750070	17824	State	GW	P
HELPER STATE 32-3	03	140S	100E	4300750071	17827	State	GW	P
HELPER STATE 32-36	36	130S	100E	4300750072	17825	State	GW	P
VEA 32-32	32	130S	100E	4300750075	17826	Fee	GW	P
CLAWSON SPRING ST E-7	07	160S	090E	4301530392	12960	State	GW	P
CLAWSON SPRING ST E-8	07	160S	090E	4301530394	12964	State	GW	P
CLAWSON SPRING ST E-3	06	160S	090E	4301530403	12965	State	GW	P
CLAWSON SPRING ST E-1	06	160S	090E	4301530404	12966	State	GW	P
CLAWSON SPRING ST E-2	06	160S	090E	4301530405	12961	State	GW	P
CLAWSON SPRING ST E-4	06	160S	090E	4301530406	12962	State	GW	P
CLAWSON SPRING ST C-1	12	160S	080E	4301530410	12617	State	GW	P
CLAWSON SPRING ST B-1	01	160S	080E	4301530427	12845	State	GW	P
CLAWSON SPRING ST B-2	01	160S	080E	4301530428	12846	State	GW	P
CLAWSON SPRING ST B-3	01	160S	080E	4301530429		State	GW	P
CLAWSON SPRING ST B-4	01	160S	080E	4301530430		State	GW	P
CLAWSON SPRING ST B-5	12	160S	080E	4301530431	12963	State	GW	P
CLAWSON SPRING ST B-8	11	160S	080E	4301530432		State	GW	P
CLAWSON SPRING ST B-9	11	160S	080E	4301530433		State	GW	P
CLAWSON SPRING ST C-2	12	160S	080E	4301530434	12850	State	GW	P

### Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940) Effective1-April-2013

Name							Lease	Well	Well
CLAWSON SPRING ST B-7         11         Ioos         80BE         4301530460         12967         State         GW         P           CLAWSON SPRING ST C-6         14         160S         080E         4301530461         13355         State         GW         P           CLAWSON SPRING ST C-3         12         160S         080E         4301530463         12968         State         GW         P           CLAWSON SPRING ST B-6         11         160S         080E         4301530466         13323         State         GW         P           CLAWSON SPRING ST IP-2         13         160S         080E         4301530466         13233         State         GW         P           CLAWSON SPRING ST IP-2         13         160S         080E         4301530467         12955         State         GW         P           CLAWSON SPRING ST IP-2         15         160S         080E         4301530467         12957         State         GW         P           CLAWSON SPRING ST IP-2         15         160S         080E         4301530472         12200         Fee         GW         P           CLAWSON SPRING ST F-1         03         160S         080E         4301530472         132182 <th>Well Name</th> <th>Sec</th> <th>Twnshp</th> <th>Range</th> <th>API</th> <th>Entity No.</th> <th>Type</th> <th>Type</th> <th>status</th>	Well Name	Sec	Twnshp	Range	API	Entity No.	Type	Type	status
CLAWSON SPRING ST C-6         14         160S         080E         4301530461         13355         State         GW         P           CLAWSON SPRING ST C-3         12         160S         080E         4301530463         12968         State         GW         P           CLAWSON SPRING ST B-6         11         160S         080E         4301530465         12969         State         GW         P           CLAWSON SPRING ST H-1         13         160S         080E         4301530467         12955         State         GW         P           CLAWSON SPRING ST IPA-1         10         160S         080E         4301530468         12956         Fee         GW         P           CLAWSON SPRING ST IPA-2         15         160S         080E         4301530469         13200         Fee         GW         P           CLAWSON SPRING ST E-5         07         160S         090E         4301530470         12971         State         GW         P           CLAWSON SPRING ST F-2         03         160S         080E         4301530471         13014         State         GW         P           CLAWSON SPRING ST F-1         03         160S         080E         4301530473         1322S	CLAWSON SPRING ST C-4	14	160S	080E	4301530435	13199	State	GW	
CLAWSON SPRING ST C-3         12         160S         080E         4301530463         12968         State         GW         P           CLAWSON SPRING ST B-6         11         160S         080E         4301530465         12969         State         GW         P           CLAWSON SPRING ST H-1         13         160S         080E         4301530466         12955         State         GW         P           CLAWSON SPRING ST IPA-1         10         160S         080E         4301530467         12955         State         GW         P           CLAWSON SPRING ST IPA-2         15         160S         080E         4301530468         12956         Fee         GW         P           CLAWSON SPRING ST IPA-2         15         160S         090E         4301530470         13200         Fee         GW         P           CLAWSON SPRING ST G-1         02         160S         080E         4301530471         13014         State         GW         P           CLAWSON SPRING ST F-2         03         160S         080E         4301530472         13228         State         GW         P           CLAWSON SPRING ST G-2         02         160S         080E         4301530473         13052	CLAWSON SPRING ST B-7	11	160S	080E	4301530460	12967	State	GW	
CLAWSON SPRING ST B-6         11         160S         080E         4301530465         12969         State         GW         P           CLAWSON SPRING ST H-1         13         160S         080E         4301530467         12955         State         GW         P           CLAWSON SPRING ST IPA-1         10         160S         080E         4301530467         12955         State         GW         P           CLAWSON SPRING ST IPA-2         15         160S         080E         4301530468         12956         Fee         GW         P           CLAWSON SPRING ST IPA-2         15         160S         080E         4301530469         13200         Fee         GW         P           CLAWSON SPRING ST IPA-2         15         160S         080E         4301530470         12971         State         GW         P           CLAWSON SPRING ST G-1         02         160S         080E         4301530471         13014         State         GW         P           CLAWSON SPRING ST F-2         03         160S         080E         4301530473         13278         State         GW         P           CLAWSON SPRING ST G-2         02         160S         080E         4301530472         12957 <td>CLAWSON SPRING ST C-6</td> <td>14</td> <td>160S</td> <td>080E</td> <td>4301530461</td> <td>13355</td> <td>State</td> <td></td> <td></td>	CLAWSON SPRING ST C-6	14	160S	080E	4301530461	13355	State		
CLAWSON SPRING ST H-1 13 160S 080E 4301530466 13323 State GW P CLAWSON SPRING ST H-2 13 160S 080E 4301530467 12955 State GW P CLAWSON SPRING ST IPA-1 10 160S 080E 4301530467 12955 State GW P CLAWSON SPRING ST IPA-2 15 160S 080E 4301530469 13200 Fee GW P CLAWSON SPRING ST IPA-2 15 160S 080E 4301530470 12971 State GW P CLAWSON SPRING ST E-5 07 160S 090E 4301530470 12971 State GW P CLAWSON SPRING ST E-1 02 160S 080E 4301530471 13014 State GW P CLAWSON SPRING ST F-2 03 160S 080E 4301530472 13282 State GW P CLAWSON SPRING ST F-1 03 160S 080E 4301530472 13282 State GW P CLAWSON SPRING ST F-1 03 160S 080E 4301530473 13278 State GW P CLAWSON SPRING ST E-6 07 160S 090E 4301530474 13052 State GW P CLAWSON SPRING ST G-2 02 160S 080E 4301530474 13052 State GW P CLAWSON SPRING ST G-2 02 160S 080E 4301530475 12957 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530475 12957 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530488 13201 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530489 13202 State GW P SHIMMIN TRUST 3 14 120S 100E 4300730119 11096 Fee GW PA SHIMMIN TRUST 1 11 120S 100E 4300730120 11096 Fee GW PA SHIMMIN TRUST 2 14 120S 100E 4300730121 11096 Fee GW PA SHIMMIN TRUST 4 11 120S 100E 4300730121 11096 Fee GW PA SHIMMIN TRUST 4 11 120S 100E 4300730122 11096 Fee GW PA ST 9-16 16 120S 100E 4300730132 11402 State GW PA ST 9-16 16 120S 100E 4300730132 11402 State GW PA ST 9-16 16 16 120S 100E 4300730133 11399 State GW PA SLEMAKER A-1 120S 100E 4300730161 11403 Fee GW PA SLEMAKER A-1 10 120S 100E 4300730168 11441 Fee GW PA SLEMAKER A-1 120S 100E 4300730168 11441 Fee GW PA SLEMAKER A-1 120S 100E 4300730168 11440 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730168 11440 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730168 11407 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730168 11407 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730168 11407 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730168 11407 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730168 11407 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730168 11407 Fee GW PA SLEMAKER A-1 11 120S 100E 4	CLAWSON SPRING ST C-3	12	160S	080E	4301530463	12968	State	GW	
CLAWSON SPRING ST H-2 13 160S 080E 4301530467 12955 State GW P CLAWSON SPRING ST IPA-1 10 160S 080E 4301530468 12956 Fee GW P CLAWSON SPRING ST IPA-2 15 160S 080E 4301530469 13200 Fee GW P CLAWSON SPRING ST E-5 07 160S 090E 4301530470 12971 State GW P CLAWSON SPRING ST G-1 02 160S 080E 4301530471 13014 State GW P CLAWSON SPRING ST F-2 03 160S 080E 4301530472 13282 State GW P CLAWSON SPRING ST F-1 03 160S 080E 4301530472 13282 State GW P CLAWSON SPRING ST F-1 03 160S 080E 4301530473 13278 State GW P CLAWSON SPRING ST F-6 07 160S 090E 4301530473 13278 State GW P CLAWSON SPRING ST G-1 02 160S 080E 4301530474 13052 State GW P CLAWSON SPRING ST G-2 02 160S 080E 4301530475 12957 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530488 13201 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530488 13201 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530489 13202 State GW P SHIMMIN TRUST 3 14 120S 100E 4300730119 11096 Fee GW PA SHIMMIN TRUST 1 11 120S 100E 4300730120 11096 Fee GW PA SHIMMIN TRUST 1 11 120S 100E 4300730121 11096 Fee GW PA SHIMMIN TRUST 4 11 120S 100E 4300730123 11096 Fee GW PA ST 9-16 16 120S 100E 4300730132 11402 State GW PA ST 9-16 16 120S 100E 4300730132 11402 State GW PA ST 9-16 16 120S 100E 4300730133 11399 State GW PA ST 9-16 16 120S 100E 4300730131 11096 Fee GW PA ST 9-16 16 120S 100E 4300730131 11096 Fee GW PA ST 9-16 16 120S 100E 4300730131 11096 Fee GW PA ST 9-16 16 120S 100E 4300730131 11096 Fee GW PA ST 9-16 16 120S 100E 4300730163 11402 State GW PA ST 9-16 16 120S 100E 4300730163 11407 Fee GW PA SLEMAKER A-1 05 120S 120E 4300730165 11407 Fee GW PA SLEMAKER A-1 10 120S 100E 4300730168 11410 Fee GW PA SLEMSEN 16-10 10 120S 100E 4300730168 11410 Fee GW PA SLEMSEN 11-15 15 120S 100E 4300730168 11420 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730168 11420 Fee GW PA SHIMMIN TRUST 1-12 12 120S 100E 4300730168 11420 Fee GW PA SHIMMIN TRUST 1-12 12 120S 100E 4300730188 11503 Fee GW PA SHIMMIN TRUST 1-1 11 120S 120E 4300730188 11503 Fee GW PA BRYNER A-1	CLAWSON SPRING ST B-6	11	160S	080E	4301530465	12969	State		
CLAWSON SPRING ST IPA-1 10 160S 080E 4301530468 12956 Fee GW P CLAWSON SPRING ST IPA-2 15 160S 080E 4301530469 13200 Fee GW P CLAWSON SPRING ST E-5 07 160S 090E 4301530470 12971 State GW P CLAWSON SPRING ST G-1 02 160S 080E 4301530471 13014 State GW P CLAWSON SPRING ST F-2 03 160S 080E 4301530471 13014 State GW P CLAWSON SPRING ST F-1 03 160S 080E 4301530473 13282 State GW P CLAWSON SPRING ST F-1 03 160S 080E 4301530473 13278 State GW P CLAWSON SPRING ST G-2 02 160S 080E 4301530474 13052 State GW P CLAWSON SPRING ST G-2 02 160S 080E 4301530474 13052 State GW P CLAWSON SPRING ST M-1 02 160S 080E 4301530475 12957 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530488 13201 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530488 13201 State GW P SHIMMIN TRUST 3 14 120S 100E 4300730119 11096 Fee GW PA SHIMMIN TRUST 1 11 120S 100E 4300730120 11096 Fee GW PA SHIMMIN TRUST 2 14 120S 100E 4300730121 11096 Fee GW PA SHIMMIN TRUST 4 11 120S 100E 4300730123 11096 Fee GW PA SHIMMIN TRUST 4 11 120S 100E 4300730133 11399 State GW PA ST 9-16 16 120S 100E 4300730133 11399 State GW PA ST 9-16 16 16 120S 100E 4300730131 11402 State GW PA ST 9-16 16 120S 100E 4300730133 11399 State GW PA ST 9-16 16 16 120S 100E 4300730133 11399 State GW PA ST 9-16 16 120S 100E 4300730133 11399 State GW PA ST 9-16 10 120S 100E 4300730165 11407 Fee GW PA SLEMAKER A-1 14 120S 100E 4300730165 11407 Fee GW PA SLEMAKER A-1 15 15 120S 100E 4300730165 11407 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730165 11407 Fee GW PA SLEMAKER A-1 11 120S 100E 4300730165 11407 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW PA SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW PA SHIMMIN T	CLAWSON SPRING ST H-1	13	160S	080E	4301530466	13323	State	GW	
CLAWSON SPRING ST IPA-2 15 160S 080E 4301530469 13200 Fee GW P CLAWSON SPRING ST E-5 07 160S 090E 4301530470 12971 State GW P CLAWSON SPRING ST G-1 02 160S 080E 4301530471 13014 State GW P CLAWSON SPRING ST G-1 03 160S 080E 4301530471 13014 State GW P CLAWSON SPRING ST F-2 03 160S 080E 4301530472 13282 State GW P CLAWSON SPRING ST F-1 03 160S 080E 4301530473 13278 State GW P CLAWSON SPRING ST E-6 07 160S 090E 4301530473 13278 State GW P CLAWSON SPRING ST G-2 02 160S 080E 4301530474 13052 State GW P CLAWSON SPRING ST G-2 02 160S 080E 4301530475 12957 State GW P CLAWSON SPRING ST M-1 02 160S 080E 4301530478 13052 State GW P CLAWSON SPRING ST M-1 02 160S 080E 4301530488 13201 State GW P CLAWSON SPRING ST K-1 02 160S 080E 4301530488 13201 State GW P SHIMMIN TRUST 3 14 120S 100E 4300730119 11096 Fee GW P A SHIMMIN TRUST 1 11 120S 100E 4300730112 11096 Fee GW P A SHIMMIN TRUST 1 11 120S 100E 4300730120 11096 Fee GW P A SHIMMIN TRUST 4 11 120S 100E 4300730121 11096 Fee GW P A ST 9-16 16 120S 100E 4300730132 11096 Fee GW P A ST 9-16 16 120S 100E 4300730132 11096 Fee GW P A ST 2-16 16 120S 100E 4300730132 11096 Fee GW P A ST 2-16 16 120S 100E 4300730131 11399 State GW P A ST 2-16 16 120S 100E 4300730131 11096 Fee GW P A ST 2-16 16 120S 100E 4300730131 11273 State GW P A ST 2-16 16 120S 100E 4300730131 11273 State GW P A ST 2-16 16 120S 100E 4300730131 11273 State GW P A ST 2-16 16 120S 100E 4300730161 11402 State GW P A ST 2-16 10 10 120S 100E 4300730161 11403 Fee GW P A ST 2-16 10 10 120S 100E 4300730161 11403 Fee GW P A ST 2-16 10 10 120S 100E 4300730165 11407 Fee GW P A SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW P A SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW P A SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW P A SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW P A SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW P A SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW P A SHIMMIN TRUST 12-12 12 120S 100E 4300730165 11407 Fee GW P A SHIMMIN TRUST 12-12 12 120S	CLAWSON SPRING ST H-2	13	160S	080E	4301530467	12955	State		
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CLAWSON SPRING ST M-1	CLAWSON SPRING ST E-6	07	160S	090E	4301530474	13052	State		
CLAWSON SPRING ST K-1  O2 160S  O80E  4301530489  13202  State  GW  P  SHIMMIN TRUST 3  14 120S  100E  4300730119  11096  Fee  GW  PA  SHIMMIN TRUST 1  11 120S  100E  4300730120  11096  Fee  GW  PA  SHIMMIN TRUST 2  14 120S  100E  4300730121  11096  Fee  GW  PA  SHIMMIN TRUST 4  11 120S  100E  4300730121  11096  Fee  GW  PA  SHIMMIN TRUST 4  11 120S  100E  4300730123  11096  Fee  GW  PA  ST 9-16  16 120S  100E  4300730132  11402  State  GW  PA  ST 2-16  16 120S  100E  4300730133  11399  State  GW  PA  MATTS SUMMIT ST A-1  14 120S  090E  4300730141  11273  State  GW  PA  SLEMAKER A-1  05 120S  120E  4300730158  11441  Fee  GW  PA  JENSEN 16-10  10 120S  100E  4300730161  11403  Fee  GW  PA  SHIMMIN TRUST 12-12  12 120S  100E  4300730165  11407  Fee  GW  PA  SHIMMIN TRUST 12-12  12 120S  100E  4300730168  11420  Fee  GW  PA  BRYNER A-1  11 120S  120E  4300730175  11425  Fee  GW  PA  BRYNER A-1  11 120S  120E  4300730188  11503  Fee  GW  PA  BRYNER A-1X (RIG SKID)  11 120S  120E  4300730885  13798  Fee  D  PA  BLACKHAWK A-5H  20 130S  100E  4300731402  17029  Fee  D  PA	CLAWSON SPRING ST G-2	02	160S	080E	4301530475	12957	State		
SHIMMIN TRUST 3         14         120S         100E         4300730119         11096         Fee         GW         PA           SHIMMIN TRUST 1         11         120S         100E         4300730120         11096         Fee         GW         PA           SHIMMIN TRUST 2         14         120S         100E         4300730121         11096         Fee         GW         PA           SHIMMIN TRUST 4         11         120S         100E         4300730123         11096         Fee         GW         PA           SHIMMIN TRUST 4         11         120S         100E         4300730123         11096         Fee         GW         PA           ST 9-16         16         120S         100E         4300730132         11402         State         GW         PA           ST 2-16         16         120S         100E         4300730133         11399         State         GW         PA           MATTS SUMMIT ST A-1         14         120S         090E         4300730141         11273         State         GW         PA           JENSEN 16-10         10         120S         100E         4300730158         11441         Fee         GW         PA	CLAWSON SPRING ST M-1	02	160S	080E	4301530488	13201	State		
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SHIMMIN TRUST 4         11         120S         100E         4300730123         11096         Fee         GW         PA           ST 9-16         16         120S         100E         4300730132         11402         State         GW         PA           ST 2-16         16         120S         100E         4300730133         11399         State         GW         PA           MATTS SUMMIT ST A-1         14         120S         090E         4300730141         11273         State         GW         PA           SLEMAKER A-1         05         120S         120E         4300730158         11441         Fee         GW         PA           JENSEN 16-10         10         120S         100E         4300730161         11403         Fee         GW         PA           JENSEN 7-15         15         120S         100E         4300730165         11407         Fee         GW         PA           SHIMMIN TRUST 12-12         12         120S         100E         4300730168         11420         Fee         GW         PA           JENSEN 11-15         15         120S         100E         4300730175         11425         Fee         GW         PA <tr< td=""><td>SHIMMIN TRUST 1</td><td>11</td><td>120S</td><td>100E</td><td>4300730120</td><td>11096</td><td>Fee</td><td></td><td></td></tr<>	SHIMMIN TRUST 1	11	120S	100E	4300730120	11096	Fee		
ST 9-16         16         120S         100E         4300730132         11402         State         GW         PA           ST 2-16         16         120S         100E         4300730133         11399         State         GW         PA           MATTS SUMMIT ST A-1         14         120S         090E         4300730141         11273         State         GW         PA           SLEMAKER A-1         05         120S         120E         4300730158         11441         Fee         GW         PA           JENSEN 16-10         10         120S         100E         4300730161         11403         Fee         GW         PA           JENSEN 7-15         15         120S         100E         4300730165         11407         Fee         GW         PA           SHIMMIN TRUST 12-12         12         120S         100E         4300730168         11420         Fee         GW         PA           JENSEN 11-15         15         120S         100E         4300730175         11425         Fee         GW         PA           BRYNER A-1         11         120S         120E         4300730188         11503         Fee         GW         PA	SHIMMIN TRUST 2	14	120S	100E	4300730121	11096	Fee	GW	PA
ST 2-16         16         120S         100E         4300730133         11399         State         GW         PA           MATTS SUMMIT ST A-1         14         120S         090E         4300730141         11273         State         GW         PA           SLEMAKER A-1         05         120S         120E         4300730158         11441         Fee         GW         PA           JENSEN 16-10         10         120S         100E         4300730161         11403         Fee         GW         PA           JENSEN 7-15         15         120S         100E         4300730165         11407         Fee         GW         PA           SHIMMIN TRUST 12-12         12         120S         100E         4300730168         11420         Fee         GW         PA           JENSEN 11-15         15         120S         100E         4300730175         11425         Fee         GW         PA           BRYNER A-1         11         120S         120E         4300730188         11503         Fee         GW         PA           BLACKHAWK A-1         20         130S         100E         4300730885         13798         Fee         D         PA	SHIMMIN TRUST 4	11	120S	100E	4300730123	11096	Fee		
MATTS SUMMIT ST A-1         14         120S         090E         4300730141         11273         State         GW         PA           SLEMAKER A-1         05         120S         120E         4300730158         11441         Fee         GW         PA           JENSEN 16-10         10         120S         100E         4300730161         11403         Fee         GW         PA           JENSEN 7-15         15         120S         100E         4300730165         11407         Fee         GW         PA           SHIMMIN TRUST 12-12         12         120S         100E         4300730168         11420         Fee         GW         PA           JENSEN 11-15         15         120S         100E         4300730175         11425         Fee         GW         PA           BRYNER A-1         11         120S         120E         4300730188         11503         Fee         GW         PA           BRYNER A-1X (RIG SKID)         11         120S         120E         4300730209         11503         Fee         GW         PA           BLACKHAWK A-1         20         130S         100E         4300731402         17029         Fee         D         PA </td <td>ST 9-16</td> <td>16</td> <td>120S</td> <td>100E</td> <td>4300730132</td> <td>11402</td> <td>State</td> <td></td> <td></td>	ST 9-16	16	120S	100E	4300730132	11402	State		
SLEMAKER A-1         05         120S         120E         4300730158         11441         Fee         GW         PA           JENSEN 16-10         10         120S         100E         4300730161         11403         Fee         GW         PA           JENSEN 7-15         15         120S         100E         4300730165         11407         Fee         GW         PA           SHIMMIN TRUST 12-12         12         120S         100E         4300730168         11420         Fee         GW         PA           JENSEN 11-15         15         120S         100E         4300730175         11425         Fee         GW         PA           BRYNER A-1         11         120S         120E         4300730188         11503         Fee         GW         PA           BRYNER A-1X (RIG SKID)         11         120S         120E         4300730209         11503         Fee         GW         PA           BLACKHAWK A-1         20         130S         100E         4300731402         17029         Fee         D         PA           BLACKHAWK A-5H         20         130S         100E         4300731402         17029         Fee         D         PA <td>ST 2-16</td> <td>16</td> <td>120S</td> <td>100E</td> <td>4300730133</td> <td>11399</td> <td>State</td> <td></td> <td></td>	ST 2-16	16	120S	100E	4300730133	11399	State		
JENSEN 16-10         10         120S         100E         4300730161         11403         Fee         GW         PA           JENSEN 7-15         15         120S         100E         4300730165         11407         Fee         GW         PA           SHIMMIN TRUST 12-12         12         120S         100E         4300730168         11420         Fee         GW         PA           JENSEN 11-15         15         120S         100E         4300730175         11425         Fee         GW         PA           BRYNER A-1         11         120S         120E         4300730188         11503         Fee         GW         PA           BRYNER A-1X (RIG SKID)         11         120S         120E         4300730209         11503         Fee         GW         PA           BLACKHAWK A-1         20         130S         100E         4300730885         13798         Fee         D         PA           BLACKHAWK A-5H         20         130S         100E         4300731402         17029         Fee         D         PA	MATTS SUMMIT ST A-1	14	120S	090E	4300730141				
JENSEN 7-15  15  120S  100E  4300730165  11407  Fee  GW  PA  SHIMMIN TRUST 12-12  12  120S  100E  4300730168  11420  Fee  GW  PA  JENSEN 11-15  15  120S  100E  4300730175  11425  Fee  GW  PA  BRYNER A-1  11  120S  120E  4300730188  11503  Fee  GW  PA  BRYNER A-1X (RIG SKID)  11  120S  120E  4300730188  11503  Fee  GW  PA  BRYNER A-1X (RIG SKID)  11  120S  120E  4300730209  11503  Fee  GW  PA  BLACKHAWK A-1  20  130S  100E  4300730885  13798  Fee  D  PA  BLACKHAWK A-5H  20  130S  100E  4300731402  17029  Fee  D  PA	SLEMAKER A-1	05	120S	120E	4300730158	11441	Fee		
SHIMMIN TRUST 12-12       12       120S       100E       4300730168       11420       Fee       GW       PA         JENSEN 11-15       15       120S       100E       4300730175       11425       Fee       GW       PA         BRYNER A-1       11       120S       120E       4300730188       11503       Fee       GW       PA         BRYNER A-1X (RIG SKID)       11       120S       120E       4300730209       11503       Fee       GW       PA         BLACKHAWK A-1       20       130S       100E       4300730885       13798       Fee       D       PA         BLACKHAWK A-5H       20       130S       100E       4300731402       17029       Fee       D       PA	JENSEN 16-10	10	120S	100E	4300730161				
JENSEN 11-15       15       120S       100E       4300730175       11425       Fee       GW       PA         BRYNER A-1       11       120S       120E       4300730188       11503       Fee       GW       PA         BRYNER A-1X (RIG SKID)       11       120S       120E       4300730209       11503       Fee       GW       PA         BLACKHAWK A-1       20       130S       100E       4300730885       13798       Fee       D       PA         BLACKHAWK A-5H       20       130S       100E       4300731402       17029       Fee       D       PA	JENSEN 7-15	15	120S	100E	4300730165				
BRYNER A-1  BRYNER A-1  BRYNER A-1X (RIG SKID)  11 120S 120E 4300730188 11503 Fee GW PA  BRYNER A-1X (RIG SKID)  11 120S 120E 4300730209 11503 Fee GW PA  BLACKHAWK A-1  20 130S 100E 4300730885 13798 Fee D PA  BLACKHAWK A-5H  20 130S 100E 4300731402 17029 Fee D PA	SHIMMIN TRUST 12-12	12	120S	100E	4300730168				
BRYNER A-1X (RIG SKID) 11 120S 120E 4300730209 11503 Fee GW PA BLACKHAWK A-1 20 130S 100E 4300730885 13798 Fee D PA BLACKHAWK A-5H 20 130S 100E 4300731402 17029 Fee D PA	JENSEN 11-15	15	120S	100E	4300730175				
BLACKHAWK A-1 20 130S 100E 4300730885 13798 Fee D PA BLACKHAWK A-5H 20 130S 100E 4300731402 17029 Fee D PA	BRYNER A-1	11	120S	120E	4300730188	11503	Fee		
BLACKHAWK A-5H 20 130S 100E 4300731402 17029 Fee D PA	BRYNER A-1X (RIG SKID)	11	120S	120E	4300730209	11503	Fee		
DEMOCRATIC TO THE PARTY OF THE	BLACKHAWK A-1	20	130S	100E	4300730885				
CLAWSON SPRING ST SWD 3 06 160S 090E 4301530476 12978 State D PA	BLACKHAWK A-5H	20	130S		4300731402				
	<b>CLAWSON SPRING ST SWD 3</b>	06	160S	090E	4301530476		State	D	PA
HELPER FED C-6 21 130S 100E 4300730683 13008 Federal GW S	HELPER FED C-6	21	130S	100E					
UTAH 10-415 10 160S 080E 4301530391 12632 State GW TA	UTAH 10-415	10	160S	080E	4301530391	12632	State	GW	TA

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
1	4300730189	HELPER FED B-1	NESW	33	135	10E	Federal	USA UTU 71392	Producing
2	4300730190	HELPER FED A-1	C-SW	23	135	10E	Federal	USA UTU 58434	Producing
3	4300730213	HELPER FED A-3	SESE	22	135	10E	Federal	USA UTU 58434	Producing
4	4300730214	HELPER FED C-1	SENE	22	135	10E	Federal	USA UTU 71391	Producing
5	4300730215	HELPER FED B-5	NENE	27	135	10E	Federal	USA UTU 71392	Producing
6	4300730216	HELPER FED A-2	NESW	22	135	10E	Federal	USA UTU 58434	Producing
7	4300730286	HELPER FED D-1	SWNE	26	135	10E	Federal	USA UTU 68315	Producing
8	4300730378	HELPER FED F-3	NENE	8	145	10E	Federal	USA UTU 65762	Producing
9	4300730379	HELPER FED F-4	NWNW	9	14S	10E	Federal	USA UTU 65762	Producing
10	4300730508	HELPER FED E-7	SESE	19	135	10E	Federal	USA UTU 77980	Producing
11	4300730530	HELPER FED B-2	SENW	33	135	10E	Federal	USA UTU 71392	Producing
12	4300730531	HELPER FED B-3	NESE	33	135	10E	Federal	USA UTU 71392	Producing
13	4300730532	HELPER FED B-4	NENE	33	135	10E	Federal	USA UTU 71392	Producing
14	4300730533	HELPER FED B-6	NENW	27	135	10E	Federal	USA UTU 71392	Producing
15	4300730534	HELPER FED B-7	NESW	27	135	10E	Federal	USA UTU 71392	Producing
16	4300730535	HELPER FED B-8	SESE	27	135	10E	Federal	USA UTU 71392	Producing
17	4300730536	HELPER FED B-9	SENW	34	135	10E	Federal	USA UTU 71392	Producing
18	4300730537	HELPER FED B-10	NWNE	34	135	10E	Federal	USA UTU 71392	Producing
19	4300730538	HELPER FED B-11	SESW	34	135	10E	Federal	USA UTU 71392	Producing
20	4300730539	HELPER FED B-12	NESE	34	135	10E	Federal	USA UTU 71392	Producing
21	4300730540	HELPER FED B-13	SWSE	28	135	10E	Federal	USA UTU 71392	Producing
22	4300730541	HELPER FED B-14	SWSW	28	135	10E	Federal	USA UTU 71392	Producing
23	4300730542	HELPER FED D-2	SWNW	26	135	10E	Federal	USA UTU 68315	Producing
24	4300730543	HELPER FED D-3	SESW	26	135	10E	Federal	USA UTU 68315	Producing
25	4300730544	HELPER FED D-4	NWNW	35	135	10E	Federal	USA UTU 68315	Producing
26	4300730545	HELPER FED D-5	SESW	35	135	10E	Federal	USA UTU 68315	Producing
27	4300730546	HELPER FED D-6	NWSE	35	135	10E	Federal	USA UTU 68315	Producing
28	4300730547	HELPER FED E-1	NESE	29	135	10E	Federal	USA UTU 71675	Producing
29	4300730548	HELPER FED E-2	SESW	29	135	10E	Federal	USA UTU 71675	Producing
30	4300730549	HELPER FED H-1	NENW	1	145	10E	Federal	USA UTU 72352	Producing
31	4300730550	HELPER FED H-2	SESW	1	145	10E	Federal	USA UTU 72352	Producing
32	4300730556	OLIVETO FED A-2	NESW	8	14S	10E	Federal	USA UTU 65762	Producing
33	4300730557	HELPER FED F-1	SESE	8	145	10E	Federal	USA UTU 65762	Producing
34	4300730558	SMITH FED A-1	NWSW	9	14S	10E	Federal	USA UTU 65762	Producing
35	4300730593	HELPER FED A-6	SESE	23	<b>13</b> S	10E	Federal	USA UTU 58434	Producing
36	4300730594	HELPER FED D-7	C-SE	26	135	10E	Federal	USA UTU 68315	Producing
37	4300730595	HELPER FED D-8	NENE	35	135	10E	Federal	USA UTU 68315	Producing
38	4300730677	HELPER FED A-5	NENE	23	13S	10E	Federal	USA UTU 58434	Producing
39	4300730678	HELPER FED A-7	SENW	22	135	10E	Federal	USA UTU 58434	Producing
40	4300730679	HELPER FED B-15	SENE	28	135	10E	Federal	USA UTU 71392	Producing
41	4300730680	HELPER FED B-16	SWNW	28	135	10E	Federal	USA UTU 71392	Producing
42	4300730681	HELPER FED C-2	NENW	24	13S	10E	Federal	USA UTU 71391	Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
43	4300730682	HELPER FED C-4	NWSW	24	135	10E	Federal	USA UTU 71391	Producing
44	4300730683	HELPER FED C-6	SWSE	21	13S	10E	Federal	USA UTU 71391	Shut-In
45	4300730684	HELPER FED C-7	SESW	21	135	10E	Federal	USA UTU 71391	Producing
46	4300730685	HELPER FED D-9	NWNW	25	135	10E	Federal	USA UTU 68315	Producing
47	4300730686	HELPER FED D-10	SENE	25	13S	10E	Federal	USA UTU 68315	Producing
48	4300730687	HELPER FED D-11	SESW	25	135	10E	Federal	USA UTU 68315	Producing
49	4300730688	HELPER FED D-12	SESE	25	135	10E	Federal	USA UTU 68315	Producing
50	4300730689	HELPER FED E-4	NWNE	29	135	10E	Federal	USA UTU 71675	Producing
51	4300730692	HELPER FED A-4	SWNW	23	135	10E	Federal	USA UTU 58434	Producing
52	4300730693	HELPER FED C-5	SWNE	24	135	10E	Federal	USA UTU 71391	Producing
53	4300730694	HELPER FED G-1	C-NW	30	135	11E	Federal	USA UTU 71677	Producing
54	4300730695	HELPER FED G-2	swsw	30	135	11E	Federal	USA UTU 71677	Producing
55	4300730696	HELPER FED G-3	SENW	31	135	11E	Federal	USA UTU 71677	Producing
56	4300730697	HELPER FED G-4	SESW	31	135	11E	Federal	USA UTU 71677	Producing
57	4300730698	HELPER FED H-3	SWNE	1	145	10E	Federal	USA UTU 72352	Producing
58	4300730699	HELPER FED H-4	NESE	1	14S	10E	Federal	USA UTU 72352	Producing
59	4300730702	HELPER FED C-3	SESW	24	135	10E	Federal	USA UTU 71391	Producing
60	4300730770	HELPER FED G-5	SWNE	30	135	11E	Federal	USA UTU 71677	Producing
61	4300730771	HELPER FED G-6	SWSE	30	135	11E	Federal	USA UTU 71677	Producing
62	4300730772	HELPER FED G-7	NWNE	31	135	11E	Federal	USA UTU 71677	Producing
63	4300730773	HELPER FED G-8	NESE	31	135	11E	Federal	USA UTU 71677	Producing
64	4300730776	HELPER FED E-8	SENE	19	135	10E	Federal	USA UTU 77980	Producing
65	4300730868	HELPER FED E-9	SESW	19	135	10E	Federal	USA UTU 77980	Producing
66	4300730869	HELPER FED E-5	swsw	20	135	10E	Federal	USA UTU 71675	Producing
67	4300730870	HELPER FED E-6	SWNW	20	135	10E	Federal	USA UTU 71675	Producing
68	4300730871	HELPER FED E-10	NENW	30	135	10E	Federal	USA UTU 71675	Producing
69	4300730873	HELPER FED E-11	NWNE	30	135	10E	Federal	USA UTU 71675	Producing
70	4300730119	SHIMMIN TRUST 3	SENW	14	125	10E	Fee (Private)		Plugged and Abandoned
71	4300730120	SHIMMIN TRUST 1	SESE	11	125	10E	Fee (Private)		Plugged and Abandoned
72	4300730121	SHIMMIN TRUST 2	SENE	14	125	10E	Fee (Private)		Plugged and Abandoned
73	4300730123	SHIMMIN TRUST 4	SESW	11	12S	10E	Fee (Private)		Plugged and Abandoned
74	4300730158	SLEMAKER A-1	SWNE	5	12S	12E	Fee (Private)		Plugged and Abandoned
75	4300730161	JENSEN 16-10	SESE	10	12S	10E	Fee (Private)		Plugged and Abandoned
76	4300730165	JENSEN 7-15	SWNE	15	12S	10E	Fee (Private)		Plugged and Abandoned
77	4300730168	SHIMMIN TRUST 12-12	NWSW	12	12S	10E	Fee (Private)		Plugged and Abandoned
78	4300730175	JENSEN 11-15	NESW	15	125	10E	Fee (Private)		Plugged and Abandoned
79	4300730188	BRYNER A-1	NESE	11	12S	12E	Fee (Private)		Plugged and Abandoned
80	4300730209	BRYNER A-1X (RIG SKID)	NESE	11	12S	12E	Fee (Private)		Plugged and Abandoned
81	4300730348	BIRCH A-1	NWSW	5	14S	10E	Fee (Private)		Producing
82	4300730352	CHUBBUCK A-1	NESE	31	13S	10E	Fee (Private)		Producing
83	4300730353	VEA A-1	SWNW	32	135	10E	Fee (Private)		Producing
84	4300730354	VEA A-2	NENE	32	13S	10E	Fee (Private)		Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
85	4300730355	VEA A-3	SESW	32	<b>13</b> S	10E	Fee (Private)		Producing
86	4300730356	VEA A-4	NWSE	32	13S	10E	Fee (Private)		Producing
87	4300730372	BIRCH A-2	NWNW	8	145	10E	Fee (Private)		Producing
88	4300730570	SE INVESTMENTS A-1	NESE	6	145	10E	Fee (Private)		Producing
89	<u> </u>	HARMOND A-1	SENE	7	145	10E	Fee (Private)		Producing
90	4300730604	CHUBBUCK A-2	SENW	6	14S	10E	Fee (Private)		Producing
91	4300730726	CLAWSON SPRING ST J-1	SESW	35	15\$	8E	Fee (Private)		Producing
92	4300730727	PIERUCCI 1	SENW	35	158	8E	Fee (Private)		Producing
93	4300730728	POTTER ETAL 1	SWNE	35	15\$	8E	Fee (Private)		Producing
94	4300730737	POTTER ETAL 2	NESE	35	158	8E	Fee (Private)		Producing
95	4300730774	GOODALL A-1	NWSW	6	145	11E	Fee (Private)		Producing
96	4300730781	HAUSKNECHT A-1	SWNW	21	135	10E	Fee (Private)		Producing
97	4300730872	SACCOMANNO A-1	NESE	30	135	10E	Fee (Private)		Producing
98	4300730885	BLACKHAWK A-1	SESE	20	135	10E	Fee (Private)		Plugged and Abandoned
99	4300730886	BLACKHAWK A-2	NWNW	29	135	10E	Fee (Private)		Producing
100	4300730914	BLACKHAWK A-3	SENE	20	13S	10E	Fee (Private)		Producing
101	4300730915	BLACKHAWK A-4	NENE	21	135	10E	Fee (Private)		Producing
102	4300730923	BLACKHAWK A-1X	SESE	20	135	10E	Fee (Private)		Producing
103	4300731402	BLACKHAWK A-5H	NENE	20	135	10E	Fee (Private)		Plugged and Abandoned
104	4300750075	VEA 32-32	SWNE	32	135	10E	Fee (Private)		Producing
105	4301530468	CLAWSON SPRING ST IPA-1	SESE	10	165	8E	Fee (Private)		Producing
106	4301530469	CLAWSON SPRING ST IPA-2	NENE	15	16S	8E	Fee (Private)		Producing
107	4300730132	ST 9-16	NESE	16	12S	10E	State	ML-44443	Plugged and Abandoned
108	4300730133	ST 2-16	NWNE	16	125	10E	State	ML-44443	Plugged and Abandoned
109	4300730141	MATTS SUMMIT ST A-1	NWNW	14	125	9E	State	ML-44496	Plugged and Abandoned
110	4300730349	HELPER ST A-1	SENW	3	145	10E	State	ST UT ML 45805	Producing
111	4300730350	HELPER ST D-7	NWSW	4	145	10E	State	ST UT ML 45804	Producing
112	4300730357	HELPER ST A-8	NWSE	2	145	10E	State	ST UT ML 45805	Producing
113	4300730358	HELPER ST A-3	NWNW	2	145	10E	State	ST UT ML 45805	Producing
114	4300730359	HELPER ST A-4	NWNE	2	145	10E	State	ST UT ML 45805	Producing
115	4300730360	HELPER ST A-7	NESW	2	14S	10E	State	ST UT ML 45805	Producing
116	4300730362	HELPER ST A-2	NENE	3	145	10E	State	ST UT ML 45805	Producing
117	4300730363	HELPER ST A-5	NESW	3	145	10E	State	ST UT ML 45805	Producing
118	4300730364	HELPER ST A-6	NESE	3	14S	10E	State	ST UT ML 45805	Producing
119	4300730365	HELPER ST D-4	SWNW	4	145	10E	State	ST UT ML 45804	Producing
120	4300730366	HELPER ST D-3	NENE	5	145	10E	State	ST UT ML 45804	Producing
121	4300730367	HELPER ST D-5	NWNE	4	145	10E	State	ST UT ML 45804	Producing
122	4300730368	HELPER ST D-8	SESE	4	145	10E	State	ST UT ML 45804	Producing
123	4300730369	HELPER ST D-2	NENW	5	145	10E	State	ST UT ML 45804	Producing
124	4300730370	HELPER ST D-6	SESE	5	145	10E	State	ST UT ML 45804	Producing
125	4300730371	HELPER ST D-1	NENE	6	14S	10E	State	ST UT ML 45804	Producing
126	4300730373	HELPER ST A-9	SENW	10	14S	10E	State	ST UT ML 45805	Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
127	4300730376	HELPER ST B-1	SWNE	9	145	10E	State	ST UT ML 47556	Producing
128	4300730433	HELPER ST A-10	NWNE	10	<b>14</b> S	10E	State	ST UT ML 45805	Producing
129	4300730434	HELPER ST A-11	SWNW	11	145	10E	State	ST UT ML 45805	Producing
130	4300730435	HELPER ST A-12	NWSW	10	14S	10E	State	ST UT ML 45805	Producing
131	4300730436	HELPER ST A-13	NESE	10	145	10E	State	ST UT ML 45805	Producing
132	4300730437	HELPER ST B-2	NESE	9	14S	10E	State	ST UT ML 47556	Producing
133	4300730571	HELPER ST A-14	SESW	11	145	10E	State	ST UT ML 45805	Producing
134	4300730572	HELPER ST A-15	SENE	11	145	10E	State	ST UT ML 45805	Producing
135	4300730573	HELPER ST E-1	SESW	36	13S	10E	State	ST UT ML 45802	Producing
136	4300730574	HELPER ST E-2	SWNW	36	135	10E	State	ST UT ML 45802	Producing
137	4300730592	HELPER ST E-3	NENE	36	135	10E	State	ST UT ML 45802	Producing
138	4300730597	CLAWSON SPRING ST A-1	SWSE	36	158	8E	State	ST UT ML 46106	Producing
139	4300730598	HELPER ST E-4	SWSE	36	135	10E	State	ST UT ML 45802	Producing
140	4300730603	HELPER ST A-16	SWSE	11	145	10E	State	ST UT ML 45805	Producing
141	4300730635	CLAWSON SPRING ST A-2	NWNW	36	15\$	8E	State	ST UT ML 46106	Producing
142	4300730636	CLAWSON SPRING ST A-3	NESW	36	15S	8E	State	ST UT ML 46106	Producing
143	4300730637	CLAWSON SPRING ST A-4	NWNE	36	158	8E	State	ST UT ML 46106	Producing
144	4300730642	CLAWSON SPRING ST D-5	NENW	31	15S	9E	State	ML-48226	Producing
145	4300730643	CLAWSON SPRING ST D-6	SWSW	31	15S	9E	State	ML-48226	Producing
146	4300730644	CLAWSON SPRING ST D-7	NWNE	31	158	9E	State	ML-48226	Producing
147	4300730701	CLAWSON SPRING ST D-8	NWSE	31	15\$	9E	State	ML-48226	Producing
148	4300750070	HELPER STATE 12-3	SWNW	3	14S	10E	State	ST UT ML 45805	Producing
149	4300750071	HELPER STATE 32-3	SWNE	3	14S	10E	State	ST UT ML 45805	Producing
150	4300750072	HELPER STATE 32-36	SWNE	36	135	10E	State	ST UT ML 45802	Producing
151	4301530391	UTAH 10-415	NENE	10	165	8E	State	ST UT ML 48189	Temporarily-Abandoned
152	4301530392	CLAWSON SPRING ST E-7	SENE	7	165	9E	State	ST UT ML 48220-A	Producing
153	4301530394	CLAWSON SPRING ST E-8	SWSE	7	165	9E	State	ST UT ML 48220-A	Producing
154	4301530403	CLAWSON SPRING ST E-3	SENE	6	168	9E	State	ST UT ML 48220-A	Producing
155	4301530404	CLAWSON SPRING ST E-1	SENW	6	168	9E	State	ST UT ML 48220-A	Producing
156	4301530405	CLAWSON SPRING ST E-2	NESW	6	168	9E	State	ST UT ML 48220-A	Producing
157	4301530406	CLAWSON SPRING ST E-4	NWSE	6	168	9E	State	ST UT ML 48220-A	Producing
158	4301530410	CLAWSON SPRING ST C-1	SWNW	12	165	8E	State	ST UT UO 48209	Producing
159	4301530427	CLAWSON SPRING ST B-1	NENW	1	168	8E	State	ST UT ML 48216	Producing
160	4301530428	CLAWSON SPRING ST B-2	NWSW	1	165	8E	State	ST UT ML 48216	Producing
161	4301530429	CLAWSON SPRING ST B-3	NWNE	1	168	8E	State	ST UT ML 48216	Producing
162	4301530430	CLAWSON SPRING ST B-4	SESE	1	165	8E	State	ST UT ML 48216	Producing
163	4301530431	CLAWSON SPRING ST B-5	SWSW	12	168	8E	State	ST UT ML 48216	Producing
164	4301530432	CLAWSON SPRING ST B-8	SENE	11	168	8E	State	ST UT ML 48216	Producing
165	4301530433	CLAWSON SPRING ST B-9	NWSE	11	168	8E	State	ST UT ML 48216	Producing
166	4301530434	CLAWSON SPRING ST C-2	SENE	12	165	8E	State	ST UT UO 48209	Producing
167	4301530435	CLAWSON SPRING ST C-4	SWNW	14	165	8E	State	ST UT UO 48209	Producing
168	4301530460	CLAWSON SPRING ST B-7	NWSW	11	168	8E	State	ST UT ML 48216	Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
169	4301530461	CLAWSON SPRING ST C-6	SENE	14	165	8E	State	ST UT UO 48209	Producing
170	4301530463	CLAWSON SPRING ST C-3	C-SE	12	16S	8E	State	ST UT UO 48209	Producing
171	4301530465	CLAWSON SPRING ST B-6	NENW	11	16S	8E	State	ST UT ML 48216	Producing
172	4301530466	CLAWSON SPRING ST H-1	NENW	13	16S	8E	State	ST UT ML 48217-A	Producing
173	4301530467	CLAWSON SPRING ST H-2	NENE	13	16S	8E	State	ST UT ML 48217-A	Producing
174	4301530470	CLAWSON SPRING ST E-5	NENW	7	165	9E	State	ST UT ML 48220-A	Producing
175	4301530471	CLAWSON SPRING ST G-1	NWNW	2	168	8E	State	ST UT ML 46314	Producing
176	4301530472	CLAWSON SPRING ST F-2	NESE	3	16S	8E	State	ST UT ML 48515	Producing
177	4301530473	CLAWSON SPRING ST F-1	SENE	3	16S	8E	State	ST UT ML 48514	Producing
178	4301530474	CLAWSON SPRING ST E-6	SESW	7	168	9E	State	ST UT ML 48220-A	Producing
179	4301530475	CLAWSON SPRING ST G-2	NESW	2	<b>16</b> S	8E	State	ST UT ML 46314	Producing
180	4301530488	CLAWSON SPRING ST M-1	NWNE	2	168	8E	State	ST UT ML 47561	Producing
181	4301530489	CLAWSON SPRING ST K-1	SESE	2	168	8E	State	ST UT ML 46043	Producing